

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
 Data File : VX047553.D
 Acq On : 28 Aug 2025 16:35
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 29 02:08:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:00:27 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/29/2025
 Supervised By : Semsettin Yesilyurt 08/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	213826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	367494	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	327029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	153621	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	483001	147.094	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 294.180%#			
35) Dibromofluoromethane	5.397	113	389287	154.340	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 308.680%#			
50) Toluene-d8	8.653	98	1374705	155.494	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 310.980%#			
62) 4-Bromofluorobenzene	11.079	95	504547	151.912	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 303.820%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.179	85	385233	164.515	ug/l	99
3) Chloromethane	1.307	50	381081	149.004	ug/l	98
4) Vinyl Chloride	1.392	62	472813	157.270	ug/l	100
5) Bromomethane	1.611	94	145622	111.987	ug/l	97
6) Chloroethane	1.697	64	269441	141.062	ug/l	97
7) Trichlorofluoromethane	1.898	101	674459	157.731	ug/l	98
8) Diethyl Ether	2.148	74	247161	145.680	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.343	101	420433	165.098	ug/l	100
10) Methyl Iodide	2.465	142	735821	174.552	ug/l	98
11) Tert butyl alcohol	2.977	59	226396	750.122	ug/l	99
12) 1,1-Dichloroethene	2.331	96	419214	155.243	ug/l	99
13) Acrolein	2.252	56	425697	703.610	ug/l	98
14) Allyl chloride	2.678	41	729043	147.374	ug/l	99
15) Acrylonitrile	3.081	53	1011396	748.877	ug/l	100
16) Acetone	2.392	43	837138	643.729	ug/l	99
17) Carbon Disulfide	2.526	76	1213269	151.101	ug/l	99
18) Methyl Acetate	2.715	43	478545	149.259	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	1290455	146.409	ug/l	99
20) Methylene Chloride	2.800	84	439800	132.902	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	429939	149.615	ug/l	97
22) Diisopropyl ether	3.770	45	1421773	142.704	ug/l	86
23) Vinyl Acetate	3.733	43	6028768	743.119	ug/l	100
24) 1,1-Dichloroethane	3.623	63	800820	144.654	ug/l	99
25) 2-Butanone	4.568	43	1235191	721.729	ug/l	98
26) 2,2-Dichloropropane	4.489	77	638595	159.590	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	508026	145.102	ug/l	99
28) Bromochloromethane	4.910	49	323850	135.555	ug/l	# 100
29) Tetrahydrofuran	5.019	42	780424	734.821	ug/l	99
30) Chloroform	5.105	83	795563	141.125	ug/l	98
31) Cyclohexane	5.483	56	728629	157.812	ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	708171	154.187	ug/l	99
36) 1,1-Dichloropropene	5.702	75	572445	159.475	ug/l	99
37) Ethyl Acetate	4.727	43	555773	157.088	ug/l	100
38) Carbon Tetrachloride	5.690	117	624107	156.698	ug/l	98
39) Methylcyclohexane	7.385	83	737796	178.226	ug/l	99
40) Benzene	6.050	78	1694836	147.894	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
 Data File : VX047553.D
 Acq On : 28 Aug 2025 16:35
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 29 02:08:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:00:27 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/29/2025
 Supervised By :Semsettin Yesilyurt 08/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	272387	162.563	ug/l	98
42) 1,2-Dichloroethane	6.092	62	583675	141.484	ug/l	99
43) Isopropyl Acetate	6.348	43	918498	161.568	ug/l	99
44) Trichloroethene	7.129	130	437547	154.098	ug/l	99
45) 1,2-Dichloropropane	7.434	63	431747	149.574	ug/l	100
46) Dibromomethane	7.586	93	311263	146.481	ug/l	99
47) Bromodichloromethane	7.824	83	641887	147.706	ug/l	99
48) Methyl methacrylate	7.696	41	475387	162.559	ug/l	99
49) 1,4-Dioxane	7.671	88	96124	3322.783	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	2548420	758.701	ug/l	99
52) Toluene	8.720	92	1043796	149.460	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	624405	159.487	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	679287	156.588	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	387542	142.245	ug/l	97
56) Ethyl methacrylate	9.116	69	644759	159.867	ug/l	99
57) 1,3-Dichloropropane	9.311	76	669995	142.040	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1905412	751.483	ug/l	99
59) 2-Hexanone	9.433	43	1778509	775.079	ug/l	99
60) Dibromochloromethane	9.519	129	473011	145.332	ug/l	99
61) 1,2-Dibromoethane	9.610	107	409633	147.744	ug/l	99
64) Tetrachloroethene	9.275	164	346717	158.252	ug/l	95
65) Chlorobenzene	10.079	112	1154335	150.783	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	401675	154.728	ug/l	100
67) Ethyl Benzene	10.195	91	2026694	157.542	ug/l	99
68) m/p-Xylenes	10.299	106	1486082	311.017	ug/l	100
69) o-Xylene	10.640	106	727887	158.138	ug/l	100
70) Styrene	10.652	104	1240847	155.364	ug/l	99
71) Bromoform	10.799	173	309212	156.425	ug/l #	99
73) Isopropylbenzene	10.963	105	1882800	166.560	ug/l	99
74) N-amyl acetate	10.841	43	815962	174.796	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	542662	151.864	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	435699m	155.179	ug/l	
77) Bromobenzene	11.195	156	451736	156.214	ug/l	98
78) n-propylbenzene	11.305	91	2238537	166.329	ug/l	100
79) 2-Chlorotoluene	11.366	91	1314013	157.434	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	1530115	165.549	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	120726	151.724	ug/l	94
82) 4-Chlorotoluene	11.451	91	1540992	157.351	ug/l	99
83) tert-Butylbenzene	11.713	119	1551506	166.522	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	1545893	164.085	ug/l	99
85) sec-Butylbenzene	11.890	105	1909746	170.347	ug/l	100
86) p-Isopropyltoluene	12.006	119	1595335	169.760	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	841264	156.039	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	842386	151.329	ug/l	99
89) n-Butylbenzene	12.329	91	1526745	176.023	ug/l	99
90) Hexachloroethane	12.536	117	307225	177.848	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	806823	152.719	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	112773	171.096	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	550522	170.949	ug/l	99
94) Hexachlorobutadiene	13.725	225	189348	169.163	ug/l	98
95) Naphthalene	13.774	128	1653844	175.686	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	511803	169.193	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
Data File : VX047553.D
Acq On : 28 Aug 2025 16:35
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

Quant Time: Aug 29 02:08:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:00:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

