

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
 Data File : VX047550.D
 Acq On : 28 Aug 2025 15:32
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Aug 29 02:05:56 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	228048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	402901	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	376656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	186602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	59344	16.946	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	33.900%#		
35) Dibromofluoromethane	5.397	113	45931	16.610	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	33.220%#		
50) Toluene-d8	8.653	98	161072	16.618	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	33.240%#		
62) 4-Bromofluorobenzene	11.079	95	61629	16.925	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	33.840%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	53085	21.256	ug/l	97
3) Chloromethane	1.313	50	54703	20.055	ug/l	99
4) Vinyl Chloride	1.392	62	66286	20.673	ug/l	100
5) Bromomethane	1.623	94	29380	21.185	ug/l	93
6) Chloroethane	1.703	64	40004	19.637	ug/l	100
7) Trichlorofluoromethane	1.904	101	94673	20.760	ug/l	94
8) Diethyl Ether	2.148	74	37670	20.819	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.349	101	54992	20.248	ug/l	97
10) Methyl Iodide	2.471	142	78897	17.549	ug/l	99
11) Tert butyl alcohol	2.965	59	31092	96.593	ug/l	97
12) 1,1-Dichloroethene	2.337	96	58358	20.263	ug/l	94
13) Acrolein	2.251	56	66389	102.887	ug/l	98
14) Allyl chloride	2.678	41	106377	20.163	ug/l	98
15) Acrylonitrile	3.080	53	149191	103.578	ug/l	99
16) Acetone	2.392	43	136286	98.263	ug/l	99
17) Carbon Disulfide	2.532	76	171976	20.082	ug/l	100
18) Methyl Acetate	2.715	43	65725	19.221	ug/l	99
19) Methyl tert-butyl Ether	3.129	73	194340	20.674	ug/l	97
20) Methylene Chloride	2.806	84	70554	19.991	ug/l	98
21) trans-1,2-Dichloroethene	3.111	96	63440	20.700	ug/l	97
22) Diisopropyl ether	3.776	45	225871	21.257	ug/l	92
23) Vinyl Acetate	3.733	43	929385	107.414	ug/l	99
24) 1,1-Dichloroethane	3.623	63	122196	20.696	ug/l	98
25) 2-Butanone	4.574	43	189435	103.785	ug/l	98
26) 2,2-Dichloropropane	4.495	77	86067	20.167	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	78911	21.133	ug/l	98
28) Bromochloromethane	4.916	49	53738	21.090	ug/l	99
29) Tetrahydrofuran	5.025	42	116693	103.022	ug/l	100
30) Chloroform	5.105	83	126857	21.100	ug/l	96
31) Cyclohexane	5.482	56	101779	20.669	ug/l	94
32) 1,1,1-Trichloroethane	5.397	97	101117	20.643	ug/l	99
36) 1,1-Dichloropropene	5.708	75	81849	20.798	ug/l	99
37) Ethyl Acetate	4.727	43	79559	20.511	ug/l	98
38) Carbon Tetrachloride	5.690	117	88575	20.285	ug/l	98
39) Methylcyclohexane	7.391	83	92510	20.383	ug/l	95
40) Benzene	6.049	78	264724	21.070	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.952	41	36038	19.618	ug/l #	89
42) 1,2-Dichloroethane	6.098	62	97565	21.572	ug/l	99
43) Isopropyl Acetate	6.348	43	131510	21.100	ug/l	99
44) Trichloroethene	7.135	130	65099	20.912	ug/l	97
45) 1,2-Dichloropropane	7.433	63	67499	21.329	ug/l	99
46) Dibromomethane	7.586	93	50430	21.647	ug/l	97
47) Bromodichloromethane	7.824	83	100883	21.174	ug/l	99
48) Methyl methacrylate	7.702	41	68667	21.417	ug/l	99
49) 1,4-Dioxane	7.683	88	13699	431.928	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	389051	105.647	ug/l	100
52) Toluene	8.720	92	164113	21.434	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	89431	20.835	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	100288	21.087	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	62712	20.995	ug/l	99
56) Ethyl methacrylate	9.116	69	93486	21.143	ug/l	99
57) 1,3-Dichloropropane	9.305	76	110402	21.348	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	187321	99.223	ug/l	99
59) 2-Hexanone	9.433	43	271814	108.047	ug/l	98
60) Dibromochloromethane	9.518	129	74443	20.862	ug/l	99
61) 1,2-Dibromoethane	9.610	107	64983	21.378	ug/l	100
64) Tetrachloroethene	9.275	164	53456	21.184	ug/l	98
65) Chlorobenzene	10.079	112	183047	20.760	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	61273	20.493	ug/l	99
67) Ethyl Benzene	10.195	91	311462	21.021	ug/l	100
68) m/p-Xylenes	10.299	106	234996	42.702	ug/l	98
69) o-Xylene	10.640	106	112496	21.220	ug/l	98
70) Styrene	10.652	104	201405	21.895	ug/l	100
71) Bromoform	10.799	173	47153	20.711	ug/l #	100
73) Isopropylbenzene	10.963	105	289773	21.104	ug/l	99
74) N-amyl acetate	10.841	43	115687	20.402	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	90207	20.783	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	69372m	20.341	ug/l	
77) Bromobenzene	11.195	156	73887	21.035	ug/l	99
78) n-propylbenzene	11.305	91	345428	21.130	ug/l	99
79) 2-Chlorotoluene	11.360	91	215061	21.213	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	237947	21.194	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	11997	19.572	ug/l	98
82) 4-Chlorotoluene	11.451	91	248243	20.868	ug/l	100
83) tert-Butylbenzene	11.713	119	232341	20.529	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	243731	21.298	ug/l	99
85) sec-Butylbenzene	11.890	105	279241	20.506	ug/l	100
86) p-Isopropyltoluene	12.006	119	238490	20.892	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	138719	21.182	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	139734	20.666	ug/l	98
89) n-Butylbenzene	12.329	91	213094	20.226	ug/l	99
90) Hexachloroethane	12.536	117	40708	19.400	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	136060	21.202	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.938	75	15679	19.583	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	78517	20.072	ug/l	99
94) Hexachlorobutadiene	13.725	225	23663	17.404	ug/l	97
95) Naphthalene	13.774	128	230447	20.153	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	71640	19.497	ug/l	99

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

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