

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
 Data File : VX046357.D
 Acq On : 23 May 2025 19:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 23 23:08:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/26/2025
 Supervised By :Mahesh Dadoda 05/26/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	76901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133895	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	119793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76303	53.222	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.440%			
35) Dibromofluoromethane	5.379	113	52529	54.480	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.960%			
50) Toluene-d8	8.647	98	174887	52.406	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.820%			
62) 4-Bromofluorobenzene	11.079	95	68500	53.512	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	65162	55.362	ug/l	99
3) Chloromethane	1.301	50	63674	55.785	ug/l	97
4) Vinyl Chloride	1.374	62	57094	53.745	ug/l	96
5) Bromomethane	1.599	94	25945	52.657	ug/l	96
6) Chloroethane	1.672	64	32902	58.018	ug/l	96
7) Trichlorofluoromethane	1.880	101	90174	57.436	ug/l	99
8) Diethyl Ether	2.136	74	28974	54.212	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	55002	56.611	ug/l	99
10) Methyl Iodide	2.447	142	65612	57.072	ug/l	99
11) Tert butyl alcohol	2.971	59	55085	273.720	ug/l	100
12) 1,1-Dichloroethene	2.313	96	50511	55.394	ug/l	98
13) Acrolein	2.233	56	70211	306.348	ug/l	98
14) Allyl chloride	2.660	41	100827	57.856	ug/l	98
15) Acrylonitrile	3.062	53	173054	300.729	ug/l	99
16) Acetone	2.380	43	164548	286.251	ug/l	100
17) Carbon Disulfide	2.508	76	109883	50.829	ug/l	99
18) Methyl Acetate	2.703	43	90704	67.998	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	183289	57.333	ug/l	100
20) Methylene Chloride	2.782	84	59518	54.030	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	51128	55.755	ug/l	98
22) Diisopropyl ether	3.764	45	200763	59.639	ug/l	91
23) Vinyl Acetate	3.721	43	863186	291.539	ug/l	100
24) 1,1-Dichloroethane	3.605	63	108698	57.974	ug/l	98
25) 2-Butanone	4.556	43	247090	296.078	ug/l	100
26) 2,2-Dichloropropane	4.465	77	70613	48.116	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	63500	57.522	ug/l	100
28) Bromochloromethane	4.891	49	52129	57.760	ug/l	95
29) Tetrahydrofuran	5.001	42	154512	295.465	ug/l	99
30) Chloroform	5.086	83	114469	58.573	ug/l	95
31) Cyclohexane	5.464	56	95051	55.632	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	96340	56.869	ug/l	99
36) 1,1-Dichloropropene	5.684	75	72138	55.684	ug/l	99
37) Ethyl Acetate	4.715	43	92364	57.707	ug/l	98
38) Carbon Tetrachloride	5.672	117	82234	56.496	ug/l	99
39) Methylcyclohexane	7.373	83	90301	54.143	ug/l	97
40) Benzene	6.031	78	220905	58.216	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	54334	64.894	ug/l	100
42) 1,2-Dichloroethane	6.080	62	95945	58.585	ug/l	99
43) Isopropyl Acetate	6.336	43	144296	59.095	ug/l	99
44) Trichloroethene	7.123	130	50758	55.577	ug/l	95
45) 1,2-Dichloropropane	7.427	63	56489	59.869	ug/l	100
46) Dibromomethane	7.580	93	43094	57.908	ug/l	99
47) Bromodichloromethane	7.818	83	87255	59.530	ug/l	100
48) Methyl methacrylate	7.690	41	76552	61.388	ug/l	99
49) 1,4-Dioxane	7.659	88	27383	1156.492	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	494800	305.280	ug/l	99
52) Toluene	8.714	92	134352	57.742	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	74835	57.441	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	82245	57.117	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	55081	60.037	ug/l	98
56) Ethyl methacrylate	9.116	69	89269	61.050	ug/l	99
57) 1,3-Dichloropropane	9.305	76	95448	57.929	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	216543	290.480	ug/l	99
59) 2-Hexanone	9.427	43	368660	307.441	ug/l	99
60) Dibromochloromethane	9.519	129	60337	59.883	ug/l	99
61) 1,2-Dibromoethane	9.604	107	54964	57.641	ug/l	98
64) Tetrachloroethene	9.269	164	46807	55.224	ug/l	97
65) Chlorobenzene	10.073	112	145604	55.532	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	50957	56.915	ug/l	99
67) Ethyl Benzene	10.189	91	265477	57.440	ug/l	99
68) m/p-Xylenes	10.299	106	193557	114.503	ug/l	98
69) o-Xylene	10.640	106	94322	57.235	ug/l	97
70) Styrene	10.653	104	161327	59.760	ug/l	99
71) Bromoform	10.799	173	37155	55.274	ug/l #	96
73) Isopropylbenzene	10.957	105	254450	57.069	ug/l	99
74) N-amyl acetate	10.841	43	127633	57.930	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	84242	53.916	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	76090m	55.197	ug/l	
77) Bromobenzene	11.195	156	57480	55.529	ug/l	99
78) n-propylbenzene	11.299	91	298001	57.482	ug/l	99
79) 2-Chlorotoluene	11.360	91	183213	54.791	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	214369	57.551	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22130	52.265	ug/l	98
82) 4-Chlorotoluene	11.451	91	209928	56.611	ug/l	99
83) tert-Butylbenzene	11.713	119	210698	56.156	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	215135	57.033	ug/l	100
85) sec-Butylbenzene	11.890	105	263013	57.092	ug/l	100
86) p-Isopropyltoluene	12.006	119	218175	57.375	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	104059	55.082	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	103178	53.479	ug/l	98
89) n-Butylbenzene	12.329	91	193146	57.905	ug/l	99
90) Hexachloroethane	12.536	117	36765	54.879	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	106177	56.008	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19820	57.261	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	58756	53.962	ug/l	99
94) Hexachlorobutadiene	13.719	225	25883	54.428	ug/l	98
95) Naphthalene	13.774	128	217170	54.381	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	61179	54.454	ug/l	98

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

