

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
 Data File : VX046515.D
 Acq On : 04 Jun 2025 20:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2025
 Supervised By :Mahesh Dadoda 06/06/2025

Quant Time: Jun 05 02:16:13 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	76406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	138822	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73598	51.668	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.340%			
35) Dibromofluoromethane	5.385	113	51983	52.000	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.000%			
50) Toluene-d8	8.647	98	166897	48.236	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.480%			
62) 4-Bromofluorobenzene	11.079	95	69904	52.670	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.340%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	50176	42.906	ug/l	96
3) Chloromethane	1.313	50	47325	41.730	ug/l	96
4) Vinyl Chloride	1.374	62	45962	43.547	ug/l	99
5) Bromomethane	1.593	94	17648	36.050	ug/l	96
6) Chloroethane	1.673	64	26253	46.593	ug/l	97
7) Trichlorofluoromethane	1.874	101	73293	46.986	ug/l	100
8) Diethyl Ether	2.130	74	27642	52.055	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	43022	44.567	ug/l	98
10) Methyl Iodide	2.441	142	51709	45.270	ug/l	99
11) Tert butyl alcohol	2.983	59	68025	340.210	ug/l	100
12) 1,1-Dichloroethene	2.313	96	37693	41.604	ug/l	94
13) Acrolein	2.233	56	62574	274.795	ug/l	99
14) Allyl chloride	2.654	41	91008	52.560	ug/l	94
15) Acrylonitrile	3.063	53	179121	313.289	ug/l	99
16) Acetone	2.386	43	176428	308.906	ug/l	99
17) Carbon Disulfide	2.502	76	72704	33.849	ug/l	100
18) Methyl Acetate	2.703	43	107855	81.379	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	185809	58.498	ug/l	98
20) Methylene Chloride	2.782	84	54074	49.406	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	44085	48.386	ug/l	95
22) Diisopropyl ether	3.764	45	193445	57.837	ug/l	93
23) Vinyl Acetate	3.721	43	804968	273.638	ug/l	100
24) 1,1-Dichloroethane	3.605	63	101925	54.713	ug/l	100
25) 2-Butanone	4.562	43	268115	323.353	ug/l	100
26) 2,2-Dichloropropane	4.471	77	52251	35.835	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	59020	53.810	ug/l	97
28) Bromochloromethane	4.898	49	43776	48.819	ug/l	99
29) Tetrahydrofuran	5.013	42	166277	320.023	ug/l	99
30) Chloroform	5.093	83	106365	54.779	ug/l	95
31) Cyclohexane	5.465	56	80264	47.281	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	89880	53.399	ug/l	100
36) 1,1-Dichloropropene	5.684	75	63397	47.200	ug/l	99
37) Ethyl Acetate	4.721	43	92719	55.873	ug/l	99
38) Carbon Tetrachloride	5.672	117	72510	48.047	ug/l	98
39) Methylcyclohexane	7.379	83	76958	44.505	ug/l	100
40) Benzene	6.032	78	199556	50.723	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	55620	64.072	ug/l	98
42) 1,2-Dichloroethane	6.086	62	88035	51.847	ug/l	100
43) Isopropyl Acetate	6.342	43	151393	59.801	ug/l	100
44) Trichloroethene	7.123	130	47181	49.827	ug/l	95
45) 1,2-Dichloropropane	7.428	63	53823	55.019	ug/l	97
46) Dibromomethane	7.580	93	40516	52.511	ug/l	99
47) Bromodichloromethane	7.818	83	82419	54.235	ug/l	99
48) Methyl methacrylate	7.696	41	78479	60.699	ug/l	97
49) 1,4-Dioxane	7.659	88	30122	1227.019	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	523565	311.563	ug/l	100
52) Toluene	8.714	92	124115	51.449	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	69714	51.611	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	76104	50.977	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	52764	55.470	ug/l	97
56) Ethyl methacrylate	9.116	69	93333	61.564	ug/l	97
57) 1,3-Dichloropropane	9.305	76	91593	53.616	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	228169	295.213	ug/l	100
59) 2-Hexanone	9.427	43	401842	323.219	ug/l	99
60) Dibromochloromethane	9.519	129	57035	54.597	ug/l	100
61) 1,2-Dibromoethane	9.610	107	53729	54.346	ug/l	98
64) Tetrachloroethene	9.269	164	40882	47.343	ug/l	96
65) Chlorobenzene	10.080	112	137369	51.425	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	50213	55.049	ug/l	99
67) Ethyl Benzene	10.189	91	247674	52.599	ug/l	99
68) m/p-Xylenes	10.299	106	179210	104.060	ug/l	99
69) o-Xylene	10.640	106	90840	54.105	ug/l	98
70) Styrene	10.653	104	154039	56.007	ug/l	99
71) Bromoform	10.799	173	37006	54.037	ug/l #	96
73) Isopropylbenzene	10.957	105	243446	53.284	ug/l	99
74) N-amyl acetate	10.842	43	132675	58.767	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	87778	54.825	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	78207m	55.365	ug/l	
77) Bromobenzene	11.195	156	55773	52.581	ug/l	100
78) n-propylbenzene	11.305	91	280392	52.781	ug/l	100
79) 2-Chlorotoluene	11.360	91	175163	51.120	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	203328	53.270	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	20776	47.884	ug/l	97
82) 4-Chlorotoluene	11.451	91	197258	51.912	ug/l	99
83) tert-Butylbenzene	11.713	119	204900	53.294	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	205643	53.202	ug/l	99
85) sec-Butylbenzene	11.890	105	253922	53.790	ug/l	99
86) p-Isopropyltoluene	12.006	119	210338	53.980	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	101434	52.398	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	101896	51.541	ug/l	99
89) n-Butylbenzene	12.329	91	184264	53.911	ug/l	99
90) Hexachloroethane	12.536	117	34953	50.916	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	107198	55.183	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22164	62.488	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	61152	54.808	ug/l	99
94) Hexachlorobutadiene	13.725	225	25870	53.089	ug/l	99
95) Naphthalene	13.774	128	250619	61.244	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	63714	55.343	ug/l	100

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

