

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010625\
 Data File : VX044583.D
 Acq On : 06 Jan 2025 10:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 06 16:02:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/06/2025
 Supervised By :Semsettin Yesilyurt 01/06/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	140073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	226822	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	192469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	96415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	109721	44.676	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.360%		
35) Dibromofluoromethane	5.373	113	88818	56.538	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	113.080%		
50) Toluene-d8	8.641	98	286113	53.984	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	107.960%		
62) 4-Bromofluorobenzene	11.079	95	103692	55.991	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	111.980%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	104876	48.422	ug/l	98
3) Chloromethane	1.294	50	97670	47.157	ug/l	100
4) Vinyl Chloride	1.374	62	100567	46.607	ug/l	100
5) Bromomethane	1.593	94	70047	45.759	ug/l	100
6) Chloroethane	1.660	64	59416	44.221	ug/l	97
7) Trichlorofluoromethane	1.867	101	188808	44.696	ug/l	98
8) Diethyl Ether	2.136	74	66700	46.258	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	95062	55.613	ug/l	95
10) Methyl Iodide	2.440	142	122157	54.223	ug/l	95
11) Tert butyl alcohol	3.001	59	77011	222.492	ug/l	99
12) 1,1-Dichloroethene	2.306	96	91811	58.476	ug/l	98
13) Acrolein	2.233	56	153483	306.331	ug/l	99
14) Allyl chloride	2.654	41	135776	51.919	ug/l	98
15) Acrylonitrile	3.062	53	220828	230.319	ug/l	99
16) Acetone	2.386	43	211589	211.325	ug/l	95
17) Carbon Disulfide	2.501	76	191437	64.145	ug/l	99
18) Methyl Acetate	2.703	43	118761	46.003	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	296186	48.342	ug/l	98
20) Methylene Chloride	2.782	84	94143	50.060	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	87432	52.398	ug/l	96
22) Diisopropyl ether	3.757	45	281436	47.792	ug/l	98
23) Vinyl Acetate	3.715	43	1247148	260.495	ug/l	98
24) 1,1-Dichloroethane	3.599	63	164268	50.043	ug/l	99
25) 2-Butanone	4.556	43	310025	217.803	ug/l	100
26) 2,2-Dichloropropane	4.465	77	149839	56.188	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	106616	50.310	ug/l	96
28) Bromochloromethane	4.885	49	77793	48.329	ug/l	95
29) Tetrahydrofuran	5.001	42	197798	216.493	ug/l	99
30) Chloroform	5.086	83	180135	48.843	ug/l	100
31) Cyclohexane	5.458	56	135321	51.051	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	159045	51.952	ug/l	98
36) 1,1-Dichloropropene	5.678	75	117400	57.814	ug/l	98
37) Ethyl Acetate	4.708	43	125243	49.894	ug/l	98
38) Carbon Tetrachloride	5.666	117	136171	62.286	ug/l	95
39) Methylcyclohexane	7.373	83	153816	63.361	ug/l	98
40) Benzene	6.025	78	358661	58.173	ug/l	100

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 Quant Title : SW846 8260
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Manual Integrations
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Reviewed By :Mahesh Dadoda 01/06/2025
 Supervised By :Semsettin Yesilyurt 01/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	67567	50.692	ug/l	96
42) 1,2-Dichloroethane	6.080	62	136883	53.896	ug/l	98
43) Isopropyl Acetate	6.336	43	205057	52.266	ug/l	98
44) Trichloroethene	7.116	130	94633	61.550	ug/l	92
45) 1,2-Dichloropropane	7.427	63	87229	55.378	ug/l	99
46) Dibromomethane	7.574	93	70172	57.423	ug/l	92
47) Bromodichloromethane	7.818	83	130974	62.059	ug/l	99
48) Methyl methacrylate	7.690	41	98328	51.630	ug/l	96
49) 1,4-Dioxane	7.659	88	29439	932.329	ug/l #	70
51) 4-Methyl-2-Pentanone	8.574	43	627143	248.608	ug/l	98
52) Toluene	8.714	92	222032	57.347	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	134035	58.486	ug/l	95
54) cis-1,3-Dichloropropene	8.360	75	145146	63.163	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	88172	57.324	ug/l	97
56) Ethyl methacrylate	9.116	69	135537	55.818	ug/l	99
57) 1,3-Dichloropropane	9.305	76	147371	55.046	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	274786	224.367	ug/l	97
59) 2-Hexanone	9.427	43	461649	252.829	ug/l	98
60) Dibromochloromethane	9.518	129	98724	59.828	ug/l	99
61) 1,2-Dibromoethane	9.604	107	92748	59.239	ug/l	98
64) Tetrachloroethene	9.269	164	82247	64.384	ug/l	98
65) Chlorobenzene	10.073	112	245967	59.640	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	86022	64.900	ug/l	98
67) Ethyl Benzene	10.189	91	426562	59.861	ug/l	98
68) m/p-Xylenes	10.299	106	319883	122.336	ug/l	95
69) o-Xylene	10.640	106	158876	60.052	ug/l	93
70) Styrene	10.652	104	254998	60.124	ug/l	98
71) Bromoform	10.799	173	64409	66.714	ug/l #	98
73) Isopropylbenzene	10.957	105	408588	55.357	ug/l	100
74) N-amyl acetate	10.841	43	180114	52.802	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	133192	51.954	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	108880m	50.578	ug/l	
77) Bromobenzene	11.195	156	101364	56.633	ug/l	95
78) n-propylbenzene	11.299	91	470447	57.668	ug/l	98
79) 2-Chlorotoluene	11.360	91	280779	53.219	ug/l	96
80) 1,3,5-Trimethylbenzene	11.445	105	340763	55.672	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	40041	52.931	ug/l	93
82) 4-Chlorotoluene	11.451	91	324447	55.534	ug/l	98
83) tert-Butylbenzene	11.713	119	354455	58.596	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	348067	57.903	ug/l	98
85) sec-Butylbenzene	11.890	105	424391	57.790	ug/l	98
86) p-Isopropyltoluene	12.006	119	360594	58.996	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	189838	60.720	ug/l	97
88) 1,4-Dichlorobenzene	12.036	146	187500	58.340	ug/l	99
89) n-Butylbenzene	12.329	91	317286	61.734	ug/l	99
90) Hexachloroethane	12.536	117	61600	69.041	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	190531	58.692	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	26858	53.968	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	123558	69.425	ug/l	97
94) Hexachlorobutadiene	13.725	225	53120	74.203	ug/l	98
95) Naphthalene	13.774	128	460136	66.235	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	130851	69.318	ug/l	97

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

