

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
 Data File : VX044854.D
 Acq On : 05 Feb 2025 19:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 06 06:41:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/06/2025
 Supervised By :Semsettin Yesilyurt 02/06/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	118856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	219972	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	195246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	87629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80805	45.041	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.080%		
35) Dibromofluoromethane	5.379	113	67030	47.966	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.940%		
50) Toluene-d8	8.647	98	249366	51.177	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.360%		
62) 4-Bromofluorobenzene	11.079	95	88266	48.592	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	69644	43.544	ug/l	95
3) Chloromethane	1.307	50	82745	47.842	ug/l	99
4) Vinyl Chloride	1.374	62	82292	48.155	ug/l	99
5) Bromomethane	1.593	94	24104	59.071	ug/l	99
6) Chloroethane	1.660	64	27513	87.795	ug/l	96
7) Trichlorofluoromethane	1.868	101	110264	58.381	ug/l	97
8) Diethyl Ether	2.130	74	39807	52.226	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.319	101	69580	49.008	ug/l	97
10) Methyl Iodide	2.441	142	90796	46.841	ug/l	99
11) Tert butyl alcohol	2.989	59	85554	213.911	ug/l #	84
12) 1,1-Dichloroethene	2.307	96	69327	49.816	ug/l	99
13) Acrolein	2.239	56	50556	268.614	ug/l	100
14) Allyl chloride	2.654	41	126406	46.651	ug/l	96
15) Acrylonitrile	3.063	53	219333	279.601	ug/l	99
16) Acetone	2.386	43	178323	251.231	ug/l	98
17) Carbon Disulfide	2.502	76	172312	45.376	ug/l	99
18) Methyl Acetate	2.703	43	126420	57.731	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	236140	46.846	ug/l	99
20) Methylene Chloride	2.782	84	79112	47.861	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	69460	47.805	ug/l	99
22) Diisopropyl ether	3.757	45	252756	53.662	ug/l	97
23) Vinyl Acetate	3.715	43	1038636	251.937	ug/l	98
24) 1,1-Dichloroethane	3.605	63	138294	49.512	ug/l	99
25) 2-Butanone	4.556	43	293340	277.959	ug/l	99
26) 2,2-Dichloropropane	4.471	77	100780	37.229	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	86120	47.121	ug/l	97
28) Bromochloromethane	4.891	49	73987	56.686	ug/l	91
29) Tetrahydrofuran	5.001	42	191601	281.467	ug/l	96
30) Chloroform	5.087	83	134837	47.834	ug/l	100
31) Cyclohexane	5.458	56	118797	52.587	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	114757	44.284	ug/l	99
36) 1,1-Dichloropropene	5.684	75	91726	47.153	ug/l	99
37) Ethyl Acetate	4.715	43	111239	53.697	ug/l	97
38) Carbon Tetrachloride	5.672	117	93696	42.821	ug/l	99
39) Methylcyclohexane	7.373	83	121157	46.917	ug/l	97
40) Benzene	6.031	78	300535	49.857	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	63172	52.332	ug/l	98
42) 1,2-Dichloroethane	6.080	62	98059	44.570	ug/l	100
43) Isopropyl Acetate	6.336	43	187167	49.114	ug/l	98
44) Trichloroethene	7.123	130	67522	46.594	ug/l	94
45) 1,2-Dichloropropane	7.428	63	76301	50.286	ug/l	99
46) Dibromomethane	7.580	93	53516	46.331	ug/l	98
47) Bromodichloromethane	7.818	83	105144	44.387	ug/l	100
48) Methyl methacrylate	7.690	41	90584	51.208	ug/l	99
49) 1,4-Dioxane	7.665	88	39014	1057.098	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	599844	284.824	ug/l	98
52) Toluene	8.714	92	183213	49.658	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	108284	44.245	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	118709	44.733	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	73460	49.212	ug/l	98
56) Ethyl methacrylate	9.116	69	123483	48.111	ug/l	97
57) 1,3-Dichloropropane	9.305	76	126885	49.917	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	310257	246.224	ug/l	96
59) 2-Hexanone	9.427	43	440951	284.594	ug/l	99
60) Dibromochloromethane	9.519	129	79062	45.126	ug/l	100
61) 1,2-Dibromoethane	9.604	107	74484	47.613	ug/l	100
64) Tetrachloroethene	9.269	164	55393	45.181	ug/l	98
65) Chlorobenzene	10.080	112	198442	47.851	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	64749	42.961	ug/l	98
67) Ethyl Benzene	10.189	91	349215	48.260	ug/l	99
68) m/p-Xylenes	10.299	106	262295	97.680	ug/l	98
69) o-Xylene	10.640	106	130890	48.199	ug/l	99
70) Styrene	10.653	104	219635	50.095	ug/l	97
71) Bromoform	10.799	173	51563	42.034	ug/l #	99
73) Isopropylbenzene	10.957	105	333227	46.549	ug/l	99
74) N-amyl acetate	10.842	43	161743	45.839	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	117488	47.519	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	95728m	45.014	ug/l	
77) Bromobenzene	11.195	156	76226	45.556	ug/l	96
78) n-propylbenzene	11.299	91	384611	48.718	ug/l	99
79) 2-Chlorotoluene	11.360	91	231969	45.486	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	271753	46.632	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	36762	39.532	ug/l	96
82) 4-Chlorotoluene	11.451	91	263942	47.246	ug/l	99
83) tert-Butylbenzene	11.713	119	277886	45.604	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	274424	46.340	ug/l	100
85) sec-Butylbenzene	11.890	105	345128	48.645	ug/l	99
86) p-Isopropyltoluene	12.006	119	277442	47.583	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	138675	47.790	ug/l	97
88) 1,4-Dichlorobenzene	12.037	146	137713	46.947	ug/l	98
89) n-Butylbenzene	12.329	91	252254	50.371	ug/l	98
90) Hexachloroethane	12.536	117	51361	38.900	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	138785	46.571	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23380	38.667	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	82289	46.191	ug/l	99
94) Hexachlorobutadiene	13.725	225	31323	44.761	ug/l	97
95) Naphthalene	13.774	128	319210	46.458	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	85700	46.410	ug/l	99

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

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