

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
 Data File : VX044607.D
 Acq On : 07 Jan 2025 17:19
 Operator : JC/MD
 Sample : VX0107WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0107WBSD02

Quant Time: Jan 08 07:56:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 08 03:57:12 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/08/2025
 Supervised By : Mahesh Dadoda 01/08/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	171730	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	300759	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	266797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	120544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	137729	49.741	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.480%		
35) Dibromofluoromethane	5.379	113	95542	46.327	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.660%		
50) Toluene-d8	8.647	98	334889	47.539	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.080%		
62) 4-Bromofluorobenzene	11.079	95	120282	48.375	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	48912	19.685	ug/l	98
3) Chloromethane	1.294	50	49735	20.086	ug/l	98
4) Vinyl Chloride	1.374	62	45148	19.436	ug/l	98
5) Bromomethane	1.599	94	24303	20.198	ug/l	98
6) Chloroethane	1.666	64	25953	19.530	ug/l	96
7) Trichlorofluoromethane	1.874	101	70365	20.344	ug/l	96
8) Diethyl Ether	2.130	74	28379	23.221	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.319	101	38354	19.341	ug/l	99
10) Methyl Iodide	2.447	142	52555	19.005	ug/l	98
11) Tert butyl alcohol	2.989	59	40868	119.862	ug/l	100
12) 1,1-Dichloroethene	2.313	96	36059	18.769	ug/l	95
13) Acrolein	2.233	56	46439	103.013	ug/l	99
14) Allyl chloride	2.660	41	64315	20.129	ug/l	98
15) Acrylonitrile	3.062	53	110987	113.025	ug/l	99
16) Acetone	2.380	43	101158	115.912	ug/l	99
17) Carbon Disulfide	2.508	76	74882	18.850	ug/l	98
18) Methyl Acetate	2.703	43	58370	22.660	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	140165	21.289	ug/l	99
20) Methylene Chloride	2.788	84	43896	19.716	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	38148	19.347	ug/l	96
22) Diisopropyl ether	3.757	45	138717	21.120	ug/l	94
23) Vinyl Acetate	3.715	43	591636	111.391	ug/l	100
24) 1,1-Dichloroethane	3.605	63	77964	20.371	ug/l	99
25) 2-Butanone	4.556	43	155002	123.050	ug/l	96
26) 2,2-Dichloropropane	4.465	77	68439	20.683	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	47130	19.603	ug/l	96
28) Bromochloromethane	4.891	49	30719	17.243	ug/l	94
29) Tetrahydrofuran	5.007	42	100588	116.608	ug/l	98
30) Chloroform	5.086	83	84027	20.366	ug/l	97
31) Cyclohexane	5.458	56	62019	19.737	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	73236	21.092	ug/l	97
36) 1,1-Dichloropropene	5.690	75	51434	19.287	ug/l	99
37) Ethyl Acetate	4.715	43	62610	22.951	ug/l	99
38) Carbon Tetrachloride	5.666	117	56180	18.987	ug/l	100
39) Methylcyclohexane	7.373	83	64900	19.073	ug/l	99
40) Benzene	6.031	78	162053	19.300	ug/l	96

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41) Methacrylonitrile	4.922	41	32484	22.184	ug/l	98
42) 1,2-Dichloroethane	6.080	62	70018	21.323	ug/l	99
43) Isopropyl Acetate	6.336	43	101940	22.650	ug/l	100
44) Trichloroethene	7.123	130	39732	18.511	ug/l	97
45) 1,2-Dichloropropane	7.427	63	41958	20.496	ug/l	96
46) Dibromomethane	7.580	93	32347	20.317	ug/l	97
47) Bromodichloromethane	7.818	83	59672	20.596	ug/l	99
48) Methyl methacrylate	7.690	41	50339	23.451	ug/l	99
49) 1,4-Dioxane	7.665	88	14965m	474.412	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	319022	121.261	ug/l	98
52) Toluene	8.714	92	102803	20.292	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	57617	20.805	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	63548	20.417	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	41049	20.668	ug/l	97
56) Ethyl methacrylate	9.116	69	64529	22.340	ug/l	98
57) 1,3-Dichloropropane	9.305	76	72788	21.824	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	140437	98.074	ug/l	100
59) 2-Hexanone	9.427	43	231665	124.510	ug/l	100
60) Dibromochloromethane	9.519	129	39629	20.011	ug/l	100
61) 1,2-Dibromoethane	9.610	107	42130	21.003	ug/l	100
64) Tetrachloroethene	9.269	164	35162	18.640	ug/l	97
65) Chlorobenzene	10.079	112	112810	19.923	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	37980	20.195	ug/l	99
67) Ethyl Benzene	10.189	91	196678	20.227	ug/l	98
68) m/p-Xylenes	10.299	106	145628	40.757	ug/l	100
69) o-Xylene	10.640	106	72061	19.981	ug/l	98
70) Styrene	10.652	104	118313	20.510	ug/l	100
71) Bromoform	10.799	173	24761	20.205	ug/l #	97
73) Isopropylbenzene	10.963	105	186576	20.891	ug/l	98
74) N-amyl acetate	10.841	43	81987	22.625	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	61611	21.403	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	51868m	21.465	ug/l	
77) Bromobenzene	11.195	156	45188	20.829	ug/l	95
78) n-propylbenzene	11.299	91	208661	20.743	ug/l	100
79) 2-Chlorotoluene	11.360	91	132275	20.292	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	155524	21.003	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	15709	19.789	ug/l	92
82) 4-Chlorotoluene	11.451	91	150886	20.576	ug/l	100
83) tert-Butylbenzene	11.713	119	152010	20.617	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	156006	20.973	ug/l	99
85) sec-Butylbenzene	11.890	105	185130	20.617	ug/l	99
86) p-Isopropyltoluene	12.006	119	154223	20.469	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	80463	20.502	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	78747	19.258	ug/l	97
89) n-Butylbenzene	12.329	91	127763	20.082	ug/l	99
90) Hexachloroethane	12.536	117	22393	18.501	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	79533	20.054	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12508	22.920	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	49080	21.056	ug/l	98
94) Hexachlorobutadiene	13.725	225	21566	22.220	ug/l	94
95) Naphthalene	13.774	128	189125	25.147	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	50797	21.319	ug/l	96

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

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