

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010725\
 Data File : VX044606.D
 Acq On : 07 Jan 2025 16:57
 Operator : JC/MD
 Sample : VX0107WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0107WBS02

Quant Time: Jan 08 05:55:11 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	5.538	168	220733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	377450	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	324333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	167120	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	178695	50.209	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.420%
35) Dibromofluoromethane	5.379	113	125576	48.518	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.040%
50) Toluene-d8	8.641	98	435468	49.256	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.520%
62) 4-Bromofluorobenzene	11.079	95	157465	50.462	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.920%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	60506	18.945	ug/l	97
3) Chloromethane	1.295	50	55002	17.282	ug/l	97
4) Vinyl Chloride	1.374	62	54350	18.203	ug/l	99
5) Bromomethane	1.593	94	27787	17.967	ug/l	98
6) Chloroethane	1.666	64	30070	17.605	ug/l	98
7) Trichlorofluoromethane	1.874	101	86604	19.480	ug/l	92
8) Diethyl Ether	2.130	74	32020	20.384	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.319	101	46890	18.396	ug/l	98
10) Methyl Iodide	2.447	142	59649	16.782	ug/l	99
11) Tert butyl alcohol	2.983	59	44363	101.228	ug/l	99
12) 1,1-Dichloroethene	2.313	96	43673	17.686	ug/l	96
13) Acrolein	2.233	56	54760	94.504	ug/l	96
14) Allyl chloride	2.660	41	74088	18.040	ug/l	98
15) Acrylonitrile	3.062	53	124308	98.487	ug/l	99
16) Acetone	2.380	43	123615	110.199	ug/l	99
17) Carbon Disulfide	2.502	76	89917	17.610	ug/l	97
18) Methyl Acetate	2.697	43	66752	20.161	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	158707	18.754	ug/l	98
20) Methylene Chloride	2.782	84	50182	17.535	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	45171	17.823	ug/l	94
22) Diisopropyl ether	3.757	45	156543	18.542	ug/l	100
23) Vinyl Acetate	3.715	43	671174	98.313	ug/l	100
24) 1,1-Dichloroethane	3.599	63	88317	17.953	ug/l	96
25) 2-Butanone	4.556	43	176234	108.846	ug/l	98
26) 2,2-Dichloropropane	4.465	77	78234	18.394	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	54462	17.624	ug/l	99
28) Bromochloromethane	4.891	49	42280	18.464	ug/l	97
29) Tetrahydrofuran	5.001	42	111343	100.421	ug/l	99
30) Chloroform	5.080	83	94379	17.797	ug/l	98
31) Cyclohexane	5.464	56	73605	18.224	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	84469	18.926	ug/l	99
36) 1,1-Dichloropropene	5.678	75	59615	17.813	ug/l	99
37) Ethyl Acetate	4.709	43	68748	20.080	ug/l	99
38) Carbon Tetrachloride	5.666	117	66584	17.931	ug/l	94
39) Methylcyclohexane	7.373	83	79915	18.714	ug/l	96
40) Benzene	6.031	78	185689	17.621	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	36179	19.687	ug/l	97
42) 1,2-Dichloroethane	6.080	62	77836	18.887	ug/l	99
43) Isopropyl Acetate	6.336	43	112810	19.972	ug/l	99
44) Trichloroethene	7.117	130	45250	16.798	ug/l	91
45) 1,2-Dichloropropane	7.428	63	46312	18.026	ug/l	100
46) Dibromomethane	7.574	93	36722	18.379	ug/l	97
47) Bromodichloromethane	7.818	83	67673	18.612	ug/l	97
48) Methyl methacrylate	7.690	41	56864	21.108	ug/l	99
49) 1,4-Dioxane	7.665	88	17140	432.961	ug/l	89
51) 4-Methyl-2-Pentanone	8.574	43	344130	104.227	ug/l	99
52) Toluene	8.714	92	116712	18.356	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	67077	19.300	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	72482	18.556	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	45623	18.303	ug/l	98
56) Ethyl methacrylate	9.116	69	71741	19.791	ug/l	98
57) 1,3-Dichloropropane	9.305	76	78769	18.819	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	157231	87.493	ug/l	98
59) 2-Hexanone	9.427	43	253622	108.615	ug/l	100
60) Dibromochloromethane	9.519	129	45815	18.434	ug/l	99
61) 1,2-Dibromoethane	9.604	107	47065	18.696	ug/l	99
64) Tetrachloroethene	9.269	164	39764	17.340	ug/l	95
65) Chlorobenzene	10.073	112	125819	18.278	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	42891	18.761	ug/l	98
67) Ethyl Benzene	10.189	91	222270	18.804	ug/l	99
68) m/p-Xylenes	10.299	106	165085	38.006	ug/l	99
69) o-Xylene	10.640	106	80120	18.274	ug/l	99
70) Styrene	10.653	104	132817	18.940	ug/l	98
71) Bromoform	10.799	173	26348	17.838	ug/l #	99
73) Isopropylbenzene	10.957	105	213335	17.230	ug/l	100
74) N-amyl acetate	10.842	43	91220	18.157	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	68139	17.074	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	59055m	17.628	ug/l	
77) Bromobenzene	11.195	156	49329	16.401	ug/l	99
78) n-propylbenzene	11.299	91	239201	17.152	ug/l	100
79) 2-Chlorotoluene	11.360	91	147621	16.335	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	178900	17.427	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	18148	16.490	ug/l	95
82) 4-Chlorotoluene	11.451	91	169363	16.659	ug/l	98
83) tert-Butylbenzene	11.713	119	200140	19.579	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	199250	19.322	ug/l	98
85) sec-Butylbenzene	11.890	105	236525	18.999	ug/l	99
86) p-Isopropyltoluene	12.006	119	199894	19.136	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	100552	18.480	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	100929	17.804	ug/l	99
89) n-Butylbenzene	12.329	91	166838	18.915	ug/l	98
90) Hexachloroethane	12.536	117	27835	16.588	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	100486	18.276	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13803	18.244	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	56878	17.601	ug/l	99
94) Hexachlorobutadiene	13.725	225	24088	17.902	ug/l	98
95) Naphthalene	13.774	128	201646	19.340	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	62675	18.973	ug/l	98

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

