

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
 Data File : VX044618.D
 Acq On : 08 Jan 2025 11:21
 Operator : JC/MD
 Sample : VX0108WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0108WBS01

Quant Time: Jan 09 00:25:33 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 01/09/2025
 Supervised By : Semsettin Yesilyurt 01/09/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	187172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	325086	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	286466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	130106	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	153658	50.915	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.840%
35) Dibromofluoromethane	5.373	113	103369	46.371	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.740%
50) Toluene-d8	8.641	98	371868	48.838	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.680%
62) 4-Bromofluorobenzene	11.079	95	130349	48.501	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	57248	21.139	ug/l	98
3) Chloromethane	1.294	50	53537	19.837	ug/l	93
4) Vinyl Chloride	1.374	62	51296	20.261	ug/l	98
5) Bromomethane	1.599	94	26142	19.934	ug/l	98
6) Chloroethane	1.666	64	29649	20.471	ug/l	98
7) Trichlorofluoromethane	1.874	101	77685	20.607	ug/l	95
8) Diethyl Ether	2.130	74	28576	21.453	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	43040	19.913	ug/l	99
10) Methyl Iodide	2.447	142	55725	18.489	ug/l	99
11) Tert butyl alcohol	2.983	59	41988	112.987	ug/l	99
12) 1,1-Dichloroethene	2.313	96	38652	18.459	ug/l	97
13) Acrolein	2.233	56	46001	93.623	ug/l	100
14) Allyl chloride	2.660	41	67251	19.312	ug/l	97
15) Acrylonitrile	3.062	53	112625	105.231	ug/l	98
16) Acetone	2.380	43	103403	108.709	ug/l	99
17) Carbon Disulfide	2.508	76	78079	18.033	ug/l	96
18) Methyl Acetate	2.697	43	58894	20.977	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	143249	19.963	ug/l	99
20) Methylene Chloride	2.782	84	45565	18.777	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	41139	19.143	ug/l	95
22) Diisopropyl ether	3.757	45	142716	19.936	ug/l	97
23) Vinyl Acetate	3.715	43	606651	104.795	ug/l	99
24) 1,1-Dichloroethane	3.605	63	80840	19.380	ug/l	99
25) 2-Butanone	4.556	43	154707	112.683	ug/l	99
26) 2,2-Dichloropropane	4.465	77	69427	19.251	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	49709	18.970	ug/l	99
28) Bromochloromethane	4.891	49	39069	20.121	ug/l	100
29) Tetrahydrofuran	5.001	42	98381	104.640	ug/l	98
30) Chloroform	5.086	83	87759	19.515	ug/l	96
31) Cyclohexane	5.458	56	66367	19.378	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	75856	20.044	ug/l	98
36) 1,1-Dichloropropene	5.684	75	53586	18.590	ug/l	99
37) Ethyl Acetate	4.708	43	62664	21.252	ug/l	99
38) Carbon Tetrachloride	5.672	117	60761	18.999	ug/l	95
39) Methylcyclohexane	7.373	83	69846	18.990	ug/l	97
40) Benzene	6.025	78	172203	18.974	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	34788	21.979	ug/l	96
42) 1,2-Dichloroethane	6.080	62	72651	20.469	ug/l	98
43) Isopropyl Acetate	6.336	43	99740	20.503	ug/l	100
44) Trichloroethene	7.117	130	41477	17.878	ug/l	90
45) 1,2-Dichloropropane	7.427	63	42730	19.311	ug/l	94
46) Dibromomethane	7.574	93	33828	19.657	ug/l	97
47) Bromodichloromethane	7.818	83	61194	19.541	ug/l	97
48) Methyl methacrylate	7.690	41	50594	21.806	ug/l	99
49) 1,4-Dioxane	7.659	88	13879	407.059	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	320742	112.791	ug/l	98
52) Toluene	8.714	92	106780	19.499	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	59699	19.944	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	65387	19.436	ug/l	93
55) 1,1,2-Trichloroethane	9.147	97	42942	20.003	ug/l	97
56) Ethyl methacrylate	9.116	69	65845	21.090	ug/l	97
57) 1,3-Dichloropropane	9.305	76	74159	20.571	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	135022	87.237	ug/l	100
59) 2-Hexanone	9.427	43	228795	113.766	ug/l	100
60) Dibromochloromethane	9.519	129	43010	20.093	ug/l	96
61) 1,2-Dibromoethane	9.604	107	44332	20.447	ug/l	98
64) Tetrachloroethene	9.269	164	38514	19.015	ug/l	96
65) Chlorobenzene	10.073	112	118181	19.438	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	39726	19.673	ug/l	99
67) Ethyl Benzene	10.189	91	206293	19.759	ug/l	98
68) m/p-Xylenes	10.299	106	157107	40.950	ug/l	96
69) o-Xylene	10.640	106	74308	19.189	ug/l	97
70) Styrene	10.653	104	122032	19.702	ug/l	99
71) Bromoform	10.799	173	25162	19.191	ug/l #	99
73) Isopropylbenzene	10.957	105	197280	20.467	ug/l	98
74) N-amyl acetate	10.842	43	80816	20.663	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	62580	20.142	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	54766m	20.998	ug/l	
77) Bromobenzene	11.195	156	46787	19.981	ug/l	96
78) n-propylbenzene	11.299	91	222022	20.449	ug/l	99
79) 2-Chlorotoluene	11.360	91	138624	19.703	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	162858	20.377	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	16130	18.826	ug/l	92
82) 4-Chlorotoluene	11.451	91	159243	20.120	ug/l	100
83) tert-Butylbenzene	11.713	119	163446	20.538	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	165205	20.578	ug/l	100
85) sec-Butylbenzene	11.890	105	197928	20.422	ug/l	100
86) p-Isopropyltoluene	12.006	119	165627	20.367	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	82572	19.493	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	83707	18.967	ug/l	99
89) n-Butylbenzene	12.329	91	138216	20.128	ug/l	99
90) Hexachloroethane	12.536	117	24889	19.052	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	84134	19.655	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	11342	19.256	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	47349	18.821	ug/l	99
94) Hexachlorobutadiene	13.719	225	20361	19.437	ug/l	99
95) Naphthalene	13.774	128	166589	20.523	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	50149	19.500	ug/l	97

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

