

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
 Data File : VX044896.D
 Acq On : 11 Feb 2025 11:23
 Operator : JC/MD
 Sample : VX0211WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/12/2025
 Supervised By : Mahesh Dadoda 02/12/2025

Quant Time: Feb 12 02:38:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	122388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	213544	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	190238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	87843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	78398	43.760	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.520%		
35) Dibromofluoromethane	5.379	113	63156	45.489	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.980%		
50) Toluene-d8	8.647	98	242464	46.183	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.360%		
62) 4-Bromofluorobenzene	11.079	95	83827	47.362	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	32027	18.658	ug/l	97
3) Chloromethane	1.294	50	37256	17.833	ug/l	99
4) Vinyl Chloride	1.374	62	36130	17.851	ug/l	99
5) Bromomethane	1.593	94	11503	18.993	ug/l	99
6) Chloroethane	1.666	64	19246	22.573	ug/l	99
7) Trichlorofluoromethane	1.873	101	46837	18.299	ug/l	97
8) Diethyl Ether	2.130	74	17191	18.520	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	28594	18.490	ug/l	99
10) Methyl Iodide	2.447	142	37251	18.586	ug/l	99
11) Tert butyl alcohol	2.971	59	30779	92.607	ug/l	99
12) 1,1-Dichloroethene	2.312	96	28452	18.036	ug/l	96
13) Acrolein	2.233	56	26717	77.912	ug/l	100
14) Allyl chloride	2.660	41	50787	17.814	ug/l	97
15) Acrylonitrile	3.062	53	79135	89.177	ug/l	99
16) Acetone	2.380	43	63538	88.221	ug/l	99
17) Carbon Disulfide	2.501	76	74275	17.170	ug/l	98
18) Methyl Acetate	2.697	43	40956	18.021	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	89228	17.778	ug/l	100
20) Methylene Chloride	2.782	84	31484	17.847	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	27928	17.988	ug/l	93
22) Diisopropyl ether	3.757	45	100392	18.613	ug/l	95
23) Vinyl Acetate	3.715	43	397646	90.433	ug/l	100
24) 1,1-Dichloroethane	3.605	63	54622	18.099	ug/l	98
25) 2-Butanone	4.556	43	105608	90.302	ug/l	95
26) 2,2-Dichloropropane	4.471	77	43271	18.080	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	34607	18.557	ug/l	97
28) Bromochloromethane	4.891	49	22169	15.285	ug/l	100
29) Tetrahydrofuran	5.001	42	71647	92.261	ug/l	99
30) Chloroform	5.080	83	54058	18.470	ug/l	97
31) Cyclohexane	5.458	56	50621	18.194	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	44956	18.109	ug/l	99
36) 1,1-Dichloropropene	5.684	75	38557	19.249	ug/l	99
37) Ethyl Acetate	4.708	43	39887	17.903	ug/l	98
38) Carbon Tetrachloride	5.665	117	37975	19.346	ug/l	95
39) Methylcyclohexane	7.372	83	52588	20.307	ug/l	98
40) Benzene	6.031	78	120297	19.233	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	22207	18.621	ug/l	97
42) 1,2-Dichloroethane	6.080	62	39196	19.662	ug/l	98
43) Isopropyl Acetate	6.336	43	67173	18.670	ug/l	99
44) Trichloroethene	7.123	130	27440	19.193	ug/l	97
45) 1,2-Dichloropropane	7.421	63	29707	19.091	ug/l	97
46) Dibromomethane	7.574	93	20763	19.240	ug/l	98
47) Bromodichloromethane	7.818	83	40827	19.539	ug/l	98
48) Methyl methacrylate	7.690	41	31984	18.854	ug/l	99
49) 1,4-Dioxane	7.659	88	15032	413.003	ug/l	97
51) 4-Methyl-2-Pentanone	8.567	43	217292	99.343	ug/l	99
52) Toluene	8.714	92	72821	19.549	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	39281	18.577	ug/l	94
54) cis-1,3-Dichloropropene	8.360	75	44977	19.077	ug/l	100
55) 1,1,2-Trichloroethane	9.147	97	28376	19.816	ug/l	97
56) Ethyl methacrylate	9.116	69	44038	19.041	ug/l	99
57) 1,3-Dichloropropane	9.305	76	48722	19.446	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	91789	80.829	ug/l	99
59) 2-Hexanone	9.427	43	160581	101.894	ug/l	98
60) Dibromochloromethane	9.518	129	29042	18.964	ug/l	100
61) 1,2-Dibromoethane	9.610	107	27865	19.199	ug/l	97
64) Tetrachloroethene	9.268	164	22565	18.808	ug/l	98
65) Chlorobenzene	10.079	112	77829	19.048	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	24758	18.825	ug/l	98
67) Ethyl Benzene	10.189	91	137771	19.107	ug/l	100
68) m/p-Xylenes	10.299	106	103355	38.857	ug/l	100
69) o-Xylene	10.640	106	51211	19.188	ug/l	98
70) Styrene	10.652	104	83008	19.304	ug/l	99
71) Bromoform	10.799	173	18821	19.176	ug/l #	97
73) Isopropylbenzene	10.957	105	129845	18.358	ug/l	100
74) N-amyl acetate	10.841	43	59187	18.492	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	44850	18.453	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	35490m	18.222	ug/l	
77) Bromobenzene	11.195	156	30059	18.745	ug/l	99
78) n-propylbenzene	11.299	91	152366	18.663	ug/l	100
79) 2-Chlorotoluene	11.360	91	92170	18.370	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	107531	18.734	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	12359	16.324	ug/l	96
82) 4-Chlorotoluene	11.451	91	102495	18.464	ug/l	100
83) tert-Butylbenzene	11.713	119	108994	18.771	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	108980	19.237	ug/l	100
85) sec-Butylbenzene	11.890	105	137742	19.157	ug/l	99
86) p-Isopropyltoluene	12.006	119	110966	19.191	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	56608	19.196	ug/l	97
88) 1,4-Dichlorobenzene	12.036	146	55645	18.663	ug/l	99
89) n-Butylbenzene	12.329	91	98048	19.167	ug/l	99
90) Hexachloroethane	12.536	117	19308	17.833	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	56136	19.369	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8224	18.540	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	32400	18.475	ug/l	100
94) Hexachlorobutadiene	13.719	225	13235	19.011	ug/l	97
95) Naphthalene	13.774	128	116851	18.432	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	33208	18.792	ug/l	96

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

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