

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021025\
 Data File : VX044879.D
 Acq On : 10 Feb 2025 14:55
 Operator : JC/MD
 Sample : VX0210WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210WBSD01

Quant Time: Feb 11 06:05:03 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

Manual Integrations APPROVED

Reviewed By : John Carlone 02/11/2025
 Supervised By : Mahesh Dadoda 02/11/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	130479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	235914	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	204289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	88407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	89756	46.993	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.980%		
35) Dibromofluoromethane	5.379	113	72180	47.059	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.120%		
50) Toluene-d8	8.647	98	273783	47.204	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.400%		
62) 4-Bromofluorobenzene	11.079	95	89460	45.752	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	91.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	34913	19.078	ug/l	95
3) Chloromethane	1.300	50	38886	17.459	ug/l	98
4) Vinyl Chloride	1.374	62	39121	18.130	ug/l	96
5) Bromomethane	1.593	94	12183	18.868	ug/l	95
6) Chloroethane	1.660	64	14385	15.837	ug/l	96
7) Trichlorofluoromethane	1.867	101	53105	19.461	ug/l	94
8) Diethyl Ether	2.130	74	18990	19.189	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	32528	19.730	ug/l	97
10) Methyl Iodide	2.447	142	41568	19.454	ug/l	98
11) Tert butyl alcohol	2.983	59	37859	106.846	ug/l	100
12) 1,1-Dichloroethene	2.306	96	32515	19.334	ug/l	98
13) Acrolein	2.233	56	34882	95.415	ug/l	99
14) Allyl chloride	2.654	41	58391	19.211	ug/l	99
15) Acrylonitrile	3.062	53	97660	103.228	ug/l	100
16) Acetone	2.386	43	77864	101.408	ug/l	99
17) Carbon Disulfide	2.501	76	86497	18.756	ug/l	98
18) Methyl Acetate	2.703	43	50673	20.914	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	107044	20.005	ug/l	97
20) Methylene Chloride	2.782	84	36254	19.277	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	31918	19.283	ug/l	95
22) Diisopropyl ether	3.757	45	114538	19.919	ug/l	91
23) Vinyl Acetate	3.715	43	482495	102.925	ug/l	100
24) 1,1-Dichloroethane	3.605	63	63476	19.729	ug/l	99
25) 2-Butanone	4.556	43	129683	104.012	ug/l	98
26) 2,2-Dichloropropane	4.458	77	49970	19.584	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	39507	19.871	ug/l	99
28) Bromochloromethane	4.891	49	28885	18.681	ug/l	97
29) Tetrahydrofuran	5.007	42	85779	103.609	ug/l	99
30) Chloroform	5.080	83	61535	19.721	ug/l	96
31) Cyclohexane	5.464	56	58795	19.822	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	51712	19.539	ug/l	98
36) 1,1-Dichloropropene	5.684	75	42361	19.143	ug/l	99
37) Ethyl Acetate	4.714	43	49136	19.963	ug/l	99
38) Carbon Tetrachloride	5.665	117	42888	19.777	ug/l	97
39) Methylcyclohexane	7.372	83	59422	20.770	ug/l	98
40) Benzene	6.031	78	139191	20.143	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	27388	20.788	ug/l	97
42) 1,2-Dichloroethane	6.080	62	45517	20.668	ug/l	100
43) Isopropyl Acetate	6.336	43	83503	21.008	ug/l	99
44) Trichloroethene	7.123	130	30857	19.537	ug/l	99
45) 1,2-Dichloropropane	7.427	63	34333	19.971	ug/l	99
46) Dibromomethane	7.580	93	24348	20.423	ug/l	99
47) Bromodichloromethane	7.818	83	47027	20.372	ug/l	98
48) Methyl methacrylate	7.689	41	38291	20.431	ug/l	98
49) 1,4-Dioxane	7.665	88	16956	421.690	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	254763	105.430	ug/l	99
52) Toluene	8.714	92	83433	20.274	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	46330	19.833	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	52180	20.034	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	32306	20.421	ug/l	98
56) Ethyl methacrylate	9.116	69	52115	20.397	ug/l	99
57) 1,3-Dichloropropane	9.305	76	57318	20.708	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	114604	91.351	ug/l	99
59) 2-Hexanone	9.427	43	185033	106.276	ug/l	99
60) Dibromochloromethane	9.518	129	33547	19.829	ug/l	99
61) 1,2-Dibromoethane	9.604	107	32847	20.486	ug/l	98
64) Tetrachloroethene	9.268	164	26148	20.296	ug/l	96
65) Chlorobenzene	10.079	112	87607	19.966	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	28571	20.230	ug/l	99
67) Ethyl Benzene	10.189	91	153877	19.873	ug/l	99
68) m/p-Xylenes	10.299	106	116928	40.937	ug/l	99
69) o-Xylene	10.640	106	56678	19.775	ug/l	99
70) Styrene	10.652	104	93989	20.355	ug/l	99
71) Bromoform	10.799	173	21441	20.343	ug/l #	99
73) Isopropylbenzene	10.957	105	147393	20.706	ug/l	100
74) N-amyl acetate	10.841	43	65965	20.478	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	50831	20.780	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	39906m	20.359	ug/l	
77) Bromobenzene	11.195	156	32408	20.081	ug/l	98
78) n-propylbenzene	11.299	91	167059	20.333	ug/l	99
79) 2-Chlorotoluene	11.360	91	99999	19.803	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	120176	20.804	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	14994	19.678	ug/l	97
82) 4-Chlorotoluene	11.451	91	112250	20.092	ug/l	100
83) tert-Butylbenzene	11.713	119	118371	20.256	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	119992	21.046	ug/l	98
85) sec-Butylbenzene	11.890	105	151319	20.911	ug/l	99
86) p-Isopropyltoluene	12.006	119	120908	20.777	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	58408	19.681	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	60576	20.187	ug/l	99
89) n-Butylbenzene	12.329	91	107001	20.784	ug/l	99
90) Hexachloroethane	12.536	117	21135	19.396	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	60768	20.834	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9509	21.300	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	34540	19.570	ug/l	99
94) Hexachlorobutadiene	13.725	225	14457	20.633	ug/l	98
95) Naphthalene	13.774	128	134840	21.134	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	36846	20.718	ug/l	98

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

