

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
 Data File : VX044230.D
 Acq On : 11 Dec 2024 16:08
 Operator : JC/MD
 Sample : VX1211WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBSD01

Quant Time: Dec 12 04:53:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/12/2024
 Supervised By : Mahesh Dadoda 12/12/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	140605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	248613	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98029	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	125116	50.752	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.500%
35) Dibromofluoromethane	5.379	113	87804	50.993	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.980%
50) Toluene-d8	8.647	98	306884	52.828	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.660%
62) 4-Bromofluorobenzene	11.079	95	106798	52.614	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.220%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	39394	18.120	ug/l	98
3) Chloromethane	1.300	50	36984	17.789	ug/l	99
4) Vinyl Chloride	1.374	62	38916	17.967	ug/l	100
5) Bromomethane	1.593	94	27560	17.936	ug/l	96
6) Chloroethane	1.666	64	27259	20.211	ug/l	98
7) Trichlorofluoromethane	1.867	101	82320	19.414	ug/l	96
8) Diethyl Ether	2.130	74	26676	18.431	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	33176	19.335	ug/l	98
10) Methyl Iodide	2.440	142	39880	17.635	ug/l	99
11) Tert butyl alcohol	2.989	59	34394	98.992	ug/l	96
12) 1,1-Dichloroethene	2.306	96	28592	18.142	ug/l	92
13) Acrolein	2.233	56	43150	85.796	ug/l	99
14) Allyl chloride	2.654	41	49743	18.949	ug/l	99
15) Acrylonitrile	3.068	53	97853	101.672	ug/l	97
16) Acetone	2.386	43	105701	105.170	ug/l	92
17) Carbon Disulfide	2.501	76	54033	18.036	ug/l	99
18) Methyl Acetate	2.703	43	51277	19.787	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	118099	19.203	ug/l	96
20) Methylene Chloride	2.782	84	34960	18.520	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	30962	18.485	ug/l	96
22) Diisopropyl ether	3.763	45	112264	18.992	ug/l	95
23) Vinyl Acetate	3.721	43	485190	100.960	ug/l	100
24) 1,1-Dichloroethane	3.605	63	62183	18.872	ug/l	99
25) 2-Butanone	4.562	43	145202	101.624	ug/l	99
26) 2,2-Dichloropropane	4.471	77	54025	20.182	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	38718	18.201	ug/l	100
28) Bromochloromethane	4.897	49	30263	18.730	ug/l	98
29) Tetrahydrofuran	5.013	42	89801	97.917	ug/l	99
30) Chloroform	5.086	83	68202	18.423	ug/l	100
31) Cyclohexane	5.458	56	51090	19.201	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	57625	18.752	ug/l	97
36) 1,1-Dichloropropene	5.684	75	43967	19.754	ug/l	97
37) Ethyl Acetate	4.721	43	59465	21.613	ug/l	99
38) Carbon Tetrachloride	5.665	117	46292	19.319	ug/l	93
39) Methylcyclohexane	7.372	83	55331	20.795	ug/l	99
40) Benzene	6.031	78	132393	19.591	ug/l	97

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41) Methacrylonitrile	4.922	41	29147	19.951	ug/l	96
42) 1,2-Dichloroethane	6.086	62	55451	19.920	ug/l	98
43) Isopropyl Acetate	6.342	43	89904	20.907	ug/l	100
44) Trichloroethene	7.123	130	33108	19.646	ug/l	96
45) 1,2-Dichloropropane	7.427	63	32610	18.888	ug/l	94
46) Dibromomethane	7.580	93	27191	20.301	ug/l	99
47) Bromodichloromethane	7.818	83	46870	20.262	ug/l	98
48) Methyl methacrylate	7.696	41	41230	19.751	ug/l	98
49) 1,4-Dioxane	7.671	88	9320	269.292	ug/l #	55
51) 4-Methyl-2-Pentanone	8.573	43	288819	104.456	ug/l	100
52) Toluene	8.714	92	80150	18.887	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	45763	19.636	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	51620	20.494	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	35178	20.866	ug/l	95
56) Ethyl methacrylate	9.116	69	53611	20.143	ug/l	99
57) 1,3-Dichloropropane	9.305	76	58886	20.067	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	119696	89.167	ug/l	100
59) 2-Hexanone	9.433	43	215839	107.847	ug/l	99
60) Dibromochloromethane	9.518	129	31582	18.982	ug/l	100
61) 1,2-Dibromoethane	9.610	107	35380	20.617	ug/l	97
64) Tetrachloroethene	9.268	164	27224	19.107	ug/l	95
65) Chlorobenzene	10.079	112	88020	19.135	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	30507	20.636	ug/l	99
67) Ethyl Benzene	10.189	91	155959	19.623	ug/l	99
68) m/p-Xylenes	10.299	106	114391	39.223	ug/l	100
69) o-Xylene	10.640	106	57100	19.351	ug/l	99
70) Styrene	10.652	104	93789	19.827	ug/l	97
71) Bromoform	10.799	173	18421	19.829	ug/l #	99
73) Isopropylbenzene	10.963	105	149748	19.954	ug/l	100
74) N-amyl acetate	10.841	43	70391	20.296	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	52990	20.330	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	43674m	19.954	ug/l	
77) Bromobenzene	11.195	156	35537	19.528	ug/l	97
78) n-propylbenzene	11.305	91	164190	19.795	ug/l	99
79) 2-Chlorotoluene	11.366	91	104346	19.452	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	124944	20.077	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	12211	19.782	ug/l	86
82) 4-Chlorotoluene	11.451	91	117634	19.803	ug/l	98
83) tert-Butylbenzene	11.713	119	121314	19.725	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	125584	20.548	ug/l	97
85) sec-Butylbenzene	11.890	105	148823	19.932	ug/l	100
86) p-Isopropyltoluene	12.006	119	123857	19.930	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	62113	19.540	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	63465	19.422	ug/l	98
89) n-Butylbenzene	12.329	91	102981	19.707	ug/l	99
90) Hexachloroethane	12.536	117	16830	18.552	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	62714	19.001	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9855	19.477	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	33867	18.716	ug/l	98
94) Hexachlorobutadiene	13.725	225	14127	19.409	ug/l	96
95) Naphthalene	13.774	128	140447	19.884	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	36531	19.034	ug/l	100

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

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