

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112224\
 Data File : VX043953.D
 Acq On : 22 Nov 2024 12:36
 Operator : JC/MD
 Sample : VX1122WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBS01

Quant Time: Nov 22 22:19:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/25/2024
 Supervised By : Mahesh Dadoda 11/25/2024

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	122957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	229417	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	86659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	113852	53.986	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.980%			
35) Dibromofluoromethane	5.379	113	82706	50.452	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.900%			
50) Toluene-d8	8.647	98	287688	50.911	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.820%			
62) 4-Bromofluorobenzene	11.079	95	96910	50.392	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.780%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	31130	19.985	ug/l	94
3) Chloromethane	1.294	50	34079	20.791	ug/l	98
4) Vinyl Chloride	1.373	62	36280	20.809	ug/l	100
5) Bromomethane	1.599	94	23111	21.548	ug/l	97
6) Chloroethane	1.666	64	24828	23.371	ug/l	100
7) Trichlorofluoromethane	1.873	101	60641	19.455	ug/l	97
8) Diethyl Ether	2.136	74	23915	21.050	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.318	101	30353	20.414	ug/l	97
10) Methyl Iodide	2.446	142	39789	21.427	ug/l	99
11) Tert butyl alcohol	2.989	59	34049	100.588	ug/l	100
12) 1,1-Dichloroethene	2.312	96	28927	20.417	ug/l	93
13) Acrolein	2.239	56	37938	106.330	ug/l	95
14) Allyl chloride	2.660	41	48638	21.009	ug/l	97
15) Acrylonitrile	3.062	53	85765	103.970	ug/l	99
16) Acetone	2.386	43	96805	99.942	ug/l	98
17) Carbon Disulfide	2.501	76	49804	17.041	ug/l #	95
18) Methyl Acetate	2.703	43	46269	20.512	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	110640	21.507	ug/l	99
20) Methylene Chloride	2.782	84	34071	20.728	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	30530	20.871	ug/l	95
22) Diisopropyl ether	3.757	45	109520	22.124	ug/l #	87
23) Vinyl Acetate	3.721	43	453316	107.047	ug/l	99
24) 1,1-Dichloroethane	3.605	63	60662	21.241	ug/l	98
25) 2-Butanone	4.562	43	130824	104.675	ug/l	100
26) 2,2-Dichloropropane	4.471	77	52043	20.178	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	37579	20.783	ug/l	99
28) Bromochloromethane	4.891	49	24947	19.846	ug/l	97
29) Tetrahydrofuran	5.007	42	79046	103.164	ug/l	99
30) Chloroform	5.086	83	66350	21.602	ug/l	97
31) Cyclohexane	5.458	56	46697	19.867	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	56657	21.390	ug/l	99
36) 1,1-Dichloropropene	5.684	75	41234	20.185	ug/l	97
37) Ethyl Acetate	4.714	43	49752	19.620	ug/l #	92
38) Carbon Tetrachloride	5.672	117	43324	18.875	ug/l	95
39) Methylcyclohexane	7.372	83	49229	18.550	ug/l	98
40) Benzene	6.031	78	129291	20.319	ug/l	99

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41) Methacrylonitrile	4.922	41	26340	20.295	ug/l #	93
42) 1,2-Dichloroethane	6.086	62	52905	20.702	ug/l	100
43) Isopropyl Acetate	6.342	43	81776	20.264	ug/l	100
44) Trichloroethene	7.122	130	30582	16.978	ug/l	89
45) 1,2-Dichloropropane	7.427	63	32777	21.032	ug/l	97
46) Dibromomethane	7.574	93	25316	20.535	ug/l	98
47) Bromodichloromethane	7.817	83	43925	19.866	ug/l	96
48) Methyl methacrylate	7.689	41	38226	19.741	ug/l	99
49) 1,4-Dioxane	7.665	88	11659	338.011	ug/l #	80
51) 4-Methyl-2-Pentanone	8.573	43	248440	100.883	ug/l	100
52) Toluene	8.714	92	77505	20.351	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	45015	19.965	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	48377	19.572	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	31640	20.126	ug/l	96
56) Ethyl methacrylate	9.116	69	49905	20.380	ug/l	98
57) 1,3-Dichloropropane	9.305	76	55597	20.993	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	122520	90.630	ug/l	98
59) 2-Hexanone	9.433	43	186272	100.633	ug/l	99
60) Dibromochloromethane	9.518	129	29549	18.733	ug/l	97
61) 1,2-Dibromoethane	9.610	107	32532	20.465	ug/l	98
64) Tetrachloroethene	9.274	164	26135	20.270	ug/l	98
65) Chlorobenzene	10.079	112	85495	19.908	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	28882	20.737	ug/l	97
67) Ethyl Benzene	10.189	91	148481	20.404	ug/l	99
68) m/p-Xylenes	10.299	106	109390	40.309	ug/l	98
69) o-Xylene	10.640	106	54754	20.665	ug/l	99
70) Styrene	10.652	104	90186	20.579	ug/l	98
71) Bromoform	10.799	173	16436	16.936	ug/l #	94
73) Isopropylbenzene	10.963	105	140447	21.084	ug/l	100
74) N-amyl acetate	10.841	43	63571	20.600	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	49179	21.561	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	39969m	21.032	ug/l	
77) Bromobenzene	11.195	156	32930	20.723	ug/l	96
78) n-propylbenzene	11.305	91	155584	20.912	ug/l	100
79) 2-Chlorotoluene	11.366	91	100875	21.442	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	119899	21.878	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	11627	16.695	ug/l #	84
82) 4-Chlorotoluene	11.451	91	112420	21.166	ug/l	99
83) tert-Butylbenzene	11.713	119	114224	21.028	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	116894	21.424	ug/l	99
85) sec-Butylbenzene	11.890	105	136947	20.577	ug/l	99
86) p-Isopropyltoluene	12.006	119	114908	21.255	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	59626	20.602	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	58980	19.988	ug/l	95
89) n-Butylbenzene	12.329	91	99700	20.917	ug/l	97
90) Hexachloroethane	12.536	117	17220	18.732	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	60326	20.654	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7938	17.368	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	33614	19.521	ug/l	98
94) Hexachlorobutadiene	13.725	225	13463	19.782	ug/l	98
95) Naphthalene	13.774	128	124279	20.050	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	35212	20.203	ug/l	97

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

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