

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043935.D
 Acq On : 21 Nov 2024 15:13
 Operator : JC/MD
 Sample : VX1121WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS01

Quant Time: Nov 21 15:42:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 13:34:26 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/22/2024
 Supervised By : Semsettin Yesilyurt 11/22/2024

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	142766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	267012	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	124276	50.752	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	101.500%		
35) Dibromofluoromethane	5.379	113	91160	47.779	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.560%		
50) Toluene-d8	8.646	98	317933	48.341	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.680%		
62) 4-Bromofluorobenzene	11.079	95	108557	48.500	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	31644	17.496	ug/l	97
3) Chloromethane	1.294	50	36847	19.360	ug/l	99
4) Vinyl Chloride	1.373	62	37415	18.482	ug/l	97
5) Bromomethane	1.593	94	23252	18.671	ug/l	95
6) Chloroethane	1.666	64	25511	20.682	ug/l	99
7) Trichlorofluoromethane	1.867	101	62526	17.276	ug/l	96
8) Diethyl Ether	2.135	74	24824	18.818	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.318	101	30361	17.586	ug/l	98
10) Methyl Iodide	2.440	142	40203	18.646	ug/l	95
11) Tert butyl alcohol	2.989	59	38906	94.700	ug/l	100
12) 1,1-Dichloroethene	2.306	96	29503	17.934	ug/l	86
13) Acrolein	2.233	56	42291	102.084	ug/l	98
14) Allyl chloride	2.660	41	51021	18.981	ug/l	89
15) Acrylonitrile	3.062	53	92560	96.638	ug/l	99
16) Acetone	2.385	43	101855	90.565	ug/l	91
17) Carbon Disulfide	2.501	76	58275	17.173	ug/l	98
18) Methyl Acetate	2.702	43	49216	18.791	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	115740	19.376	ug/l	98
20) Methylene Chloride	2.782	84	35446	18.572	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	31372	18.471	ug/l	97
22) Diisopropyl ether	3.763	45	111101	19.329	ug/l	87
23) Vinyl Acetate	3.721	43	476192	96.846	ug/l	100
24) 1,1-Dichloroethane	3.605	63	65402	19.724	ug/l	97
25) 2-Butanone	4.568	43	138662	95.552	ug/l	97
26) 2,2-Dichloropropane	4.470	77	56366	18.822	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	39708	18.914	ug/l	94
28) Bromochloromethane	4.891	49	31107	21.312	ug/l	89
29) Tetrahydrofuran	5.007	42	84978	95.533	ug/l	97
30) Chloroform	5.092	83	68049	19.081	ug/l	95
31) Cyclohexane	5.464	56	49603	18.175	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	58005	18.860	ug/l	96
36) 1,1-Dichloropropene	5.690	75	42738	17.976	ug/l	98
37) Ethyl Acetate	4.714	43	53303	18.609	ug/l	97
38) Carbon Tetrachloride	5.671	117	45524	17.041	ug/l	89
39) Methylcyclohexane	7.372	83	52337	16.945	ug/l	92
40) Benzene	6.031	78	135924	18.354	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	27866	18.279	ug/l	95
42) 1,2-Dichloroethane	6.086	62	54631	18.367	ug/l	99
43) Isopropyl Acetate	6.342	43	86117	18.335	ug/l	94
44) Trichloroethene	7.122	130	32553	15.527	ug/l	100
45) 1,2-Dichloropropane	7.427	63	33732	18.597	ug/l	99
46) Dibromomethane	7.580	93	26570	18.518	ug/l	92
47) Bromodichloromethane	7.817	83	46576	18.099	ug/l #	97
48) Methyl methacrylate	7.695	41	41342	19.075	ug/l	87
49) 1,4-Dioxane	7.665	88	12789	373.198	ug/l #	72
51) 4-Methyl-2-Pentanone	8.573	43	269146	93.903	ug/l	94
52) Toluene	8.714	92	83929	18.934	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	47377	18.054	ug/l	92
54) cis-1,3-Dichloropropene	8.366	75	52751	18.337	ug/l	91
55) 1,1,2-Trichloroethane	9.146	97	33370	18.237	ug/l	96
56) Ethyl methacrylate	9.116	69	54635	19.170	ug/l #	90
57) 1,3-Dichloropropane	9.305	76	58840	19.090	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	123798	78.668	ug/l	95
59) 2-Hexanone	9.433	43	202359	93.932	ug/l	94
60) Dibromochloromethane	9.518	129	32200	17.540	ug/l	99
61) 1,2-Dibromoethane	9.610	107	35312	19.086	ug/l	98
64) Tetrachloroethene	9.274	164	26574	17.672	ug/l	96
65) Chlorobenzene	10.079	112	88135	17.597	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.158	131	29197	17.975	ug/l	99
67) Ethyl Benzene	10.195	91	156237	18.409	ug/l	99
68) m/p-Xylenes	10.299	106	118047	37.298	ug/l	95
69) o-Xylene	10.640	106	58089	18.798	ug/l	98
70) Styrene	10.652	104	96289	18.840	ug/l	97
71) Bromoform	10.799	173	18754	16.475	ug/l #	99
73) Isopropylbenzene	10.963	105	150482	18.864	ug/l	96
74) N-amyl acetate	10.841	43	68384	18.505	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	51655	18.911	ug/l	98
76) 1,2,3-Trichloropropane	11.237	75	53408	23.468	ug/l	82
77) Bromobenzene	11.195	156	35017	18.401	ug/l	98
78) n-propylbenzene	11.305	91	164560	18.470	ug/l	98
79) 2-Chlorotoluene	11.366	91	104587	18.564	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	123757	18.857	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	12998	15.585	ug/l #	84
82) 4-Chlorotoluene	11.451	91	117669	18.500	ug/l	99
83) tert-Butylbenzene	11.713	119	120497	18.524	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	123662	18.926	ug/l	99
85) sec-Butylbenzene	11.890	105	146684	18.404	ug/l	99
86) p-Isopropyltoluene	12.006	119	123130	19.019	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	62139	17.929	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	62631	17.988	ug/l	97
89) n-Butylbenzene	12.329	91	103605	18.151	ug/l	96
90) Hexachloroethane	12.536	117	18185	16.519	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	62963	18.001	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	9349	17.082	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	34254	16.611	ug/l	98
94) Hexachlorobutadiene	13.725	225	14374	17.637	ug/l	98
95) Naphthalene	13.774	128	133553	17.992	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	36794	17.629	ug/l	96

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

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