

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101124\
 Data File : VX043360.D
 Acq On : 11 Oct 2024 12:08
 Operator : JC/MD
 Sample : VX1011WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/14/2024
 Supervised By : Mahesh Dadoda 10/14/2024

Quant Time: Oct 14 02:44:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	69639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126029	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66405	58.388	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.780%			
35) Dibromofluoromethane	5.379	113	45585	52.448	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.900%			
50) Toluene-d8	8.647	98	147704	49.039	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.080%			
62) 4-Bromofluorobenzene	11.079	95	60477	55.269	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.540%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	16011	19.766	ug/l	97
3) Chloromethane	1.294	50	17388	20.843	ug/l	95
4) Vinyl Chloride	1.374	62	16837	20.149	ug/l	97
5) Bromomethane	1.599	94	7976	23.363	ug/l	90
6) Chloroethane	1.666	64	7993	25.686	ug/l	99
7) Trichlorofluoromethane	1.874	101	24781	19.848	ug/l	99
8) Diethyl Ether	2.136	74	11345	23.349	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	15259	19.584	ug/l	100
10) Methyl Iodide	2.447	142	20149	20.589	ug/l	99
11) Tert butyl alcohol	2.989	59	27933	129.066	ug/l	99
12) 1,1-Dichloroethene	2.313	96	14637	18.918	ug/l	93
13) Acrolein	2.239	56	21042	102.939	ug/l	98
14) Allyl chloride	2.660	41	26743	21.039	ug/l	98
15) Acrylonitrile	3.068	53	56569	128.006	ug/l	98
16) Acetone	2.392	43	57852	121.806	ug/l	100
17) Carbon Disulfide	2.502	76	31503	16.740	ug/l	99
18) Methyl Acetate	2.709	43	27351	22.956	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	67788	24.489	ug/l	99
20) Methylene Chloride	2.788	84	19107	21.819	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	15921	20.676	ug/l	96
22) Diisopropyl ether	3.763	45	59664	23.336	ug/l	95
23) Vinyl Acetate	3.721	43	282286	102.874	ug/l	100
24) 1,1-Dichloroethane	3.605	63	32698	21.953	ug/l	97
25) 2-Butanone	4.568	43	84074	129.102	ug/l	98
26) 2,2-Dichloropropane	4.465	77	28549	20.145	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	21447	22.333	ug/l	96
28) Bromochloromethane	4.897	49	13565	23.084	ug/l	97
29) Tetrahydrofuran	5.007	42	52611	126.817	ug/l	99
30) Chloroform	5.086	83	36367	22.233	ug/l	98
31) Cyclohexane	5.464	56	24047	19.595	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	29680	19.755	ug/l	97
36) 1,1-Dichloropropene	5.690	75	21126	19.240	ug/l	97
37) Ethyl Acetate	4.715	43	32415	24.583	ug/l	99
38) Carbon Tetrachloride	5.672	117	23732	18.258	ug/l	97
39) Methylcyclohexane	7.373	83	26311	19.052	ug/l	100
40) Benzene	6.037	78	69391	20.844	ug/l	99

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41) Methacrylonitrile	4.928	41	16635	24.236	ug/l	97
42) 1,2-Dichloroethane	6.080	62	32570	24.009	ug/l	99
43) Isopropyl Acetate	6.342	43	52239	23.986	ug/l	99
44) Trichloroethene	7.123	130	17191	19.469	ug/l	95
45) 1,2-Dichloropropane	7.427	63	17844	21.842	ug/l	94
46) Dibromomethane	7.580	93	15437	23.580	ug/l	98
47) Bromodichloromethane	7.818	83	27445	21.324	ug/l	98
48) Methyl methacrylate	7.696	41	25631	23.985	ug/l	99
49) 1,4-Dioxane	7.671	88	8012	385.699	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	167295	126.474	ug/l	100
52) Toluene	8.720	92	43899	21.040	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	29351	22.949	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	29844	21.757	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	19771	23.844	ug/l	99
56) Ethyl methacrylate	9.116	69	32503	23.976	ug/l	100
57) 1,3-Dichloropropane	9.305	76	34117	24.158	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	76693	125.509	ug/l	99
59) 2-Hexanone	9.433	43	128035	127.998	ug/l	100
60) Dibromochloromethane	9.519	129	20310	21.113	ug/l	97
61) 1,2-Dibromoethane	9.610	107	21661	24.314	ug/l	98
64) Tetrachloroethene	9.269	164	15472	18.829	ug/l	96
65) Chlorobenzene	10.079	112	50926	20.003	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	17900	19.884	ug/l	98
67) Ethyl Benzene	10.195	91	84201	19.134	ug/l	99
68) m/p-Xylenes	10.299	106	62617	37.653	ug/l	97
69) o-Xylene	10.640	106	32215	19.494	ug/l	97
70) Styrene	10.659	104	55432	20.698	ug/l	99
71) Bromoform	10.799	173	13464	19.524	ug/l #	96
73) Isopropylbenzene	10.963	105	79632	18.346	ug/l	100
74) N-amyl acetate	10.841	43	43594	21.157	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	31461	22.250	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	26803m	21.645	ug/l	
77) Bromobenzene	11.201	156	20740	19.635	ug/l	95
78) n-propylbenzene	11.305	91	89802	18.846	ug/l	99
79) 2-Chlorotoluene	11.366	91	59666	19.477	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	68928	19.251	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	8751	18.315	ug/l	90
82) 4-Chlorotoluene	11.457	91	67706	19.402	ug/l	99
83) tert-Butylbenzene	11.713	119	67124	18.197	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	70338	19.524	ug/l	100
85) sec-Butylbenzene	11.890	105	80302	18.364	ug/l	99
86) p-Isopropyltoluene	12.006	119	67301	18.447	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	38698	20.797	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	38292	19.961	ug/l	98
89) n-Butylbenzene	12.335	91	55578	18.196	ug/l	97
90) Hexachloroethane	12.536	117	11181	16.341	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	39198	20.599	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7019	20.331	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	21647	19.733	ug/l	99
94) Hexachlorobutadiene	13.725	225	8333	19.161	ug/l	97
95) Naphthalene	13.774	128	84272	20.896	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	23164	20.465	ug/l	99

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

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