

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
 Data File : VX033228.D
 Acq On : 05 Dec 2022 16:13
 Operator : JC/MD
 Sample : VX1205WBS03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBS03

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/06/2022
 Supervised By :Mahesh Dadoda 12/06/2022

Quant Time: Dec 06 05:59:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	118696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	187075	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	170160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	53292	45.677	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.360%		
35) Dibromofluoromethane	5.385	113	46952	44.519	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.040%		
50) Toluene-d8	8.647	98	138307	43.296	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	86.600%#		
62) 4-Bromofluorobenzene	11.079	95	62110	44.832	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.660%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	14795	16.315	ug/l	94
3) Chloromethane	1.294	50	16659	17.017	ug/l	99
4) Vinyl Chloride	1.374	62	19354	17.755	ug/l	97
5) Bromomethane	1.618	94	15423	19.081	ug/l	100
6) Chloroethane	1.691	64	16593	18.699	ug/l	97
7) Trichlorofluoromethane	1.892	101	40666	19.222	ug/l	99
8) Diethyl Ether	2.136	74	14407	21.631	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	21185	19.052	ug/l	99
10) Methyl Iodide	2.453	142	19538	15.349	ug/l	98
11) Tert butyl alcohol	2.995	59	19864	108.407	ug/l	99
12) 1,1-Dichloroethene	2.325	96	19440	18.768	ug/l	98
13) Acrolein	2.239	56	18550	88.134	ug/l	100
14) Allyl chloride	2.666	41	31711	18.963	ug/l	98
15) Acrylonitrile	3.069	53	55853	107.766	ug/l	99
16) Acetone	2.392	43	57042	105.665	ug/l	99
17) Carbon Disulfide	2.514	76	47914	16.743	ug/l	100
18) Methyl Acetate	2.703	43	32772	21.931	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	72693	20.236	ug/l	97
20) Methylene Chloride	2.788	84	22487	19.220	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	21322	17.995	ug/l	93
22) Diisopropyl ether	3.757	45	74825	20.549	ug/l #	89
23) Vinyl Acetate	3.721	43	280744	98.495	ug/l	99
24) 1,1-Dichloroethane	3.611	63	40246	19.314	ug/l	99
25) 2-Butanone	4.562	43	81427	109.388	ug/l	98
26) 2,2-Dichloropropane	4.471	77	32574	19.442	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	26366	19.585	ug/l	99
28) Bromochloromethane	4.897	49	16217	17.712	ug/l	99
29) Tetrahydrofuran	5.013	42	51751	109.562	ug/l	99
30) Chloroform	5.099	83	47184	20.218	ug/l	97
31) Cyclohexane	5.477	56	34813	18.587	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	42501	20.335	ug/l	99
36) 1,1-Dichloropropene	5.696	75	31849	18.886	ug/l	99
37) Ethyl Acetate	4.708	43	31347	21.306	ug/l	99
38) Carbon Tetrachloride	5.678	117	38308	20.477	ug/l	96
39) Methylcyclohexane	7.379	83	37331	19.402	ug/l	99
40) Benzene	6.044	78	93773	19.833	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	18384	22.207	ug/l	96
42) 1,2-Dichloroethane	6.086	62	38957	20.463	ug/l	98
43) Isopropyl Acetate	6.336	43	52095	21.410	ug/l	99
44) Trichloroethene	7.123	130	25943	19.554	ug/l	99
45) 1,2-Dichloropropane	7.434	63	24193	20.705	ug/l	96
46) Dibromomethane	7.580	93	18638	20.442	ug/l	98
47) Bromodichloromethane	7.818	83	39038	22.159	ug/l	94
48) Methyl methacrylate	7.690	41	25909	20.687	ug/l	96
49) 1,4-Dioxane	7.696	88	11134	482.937	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	170826	113.776	ug/l	100
52) Toluene	8.720	92	62481	20.086	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	37477	20.715	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	40501	21.325	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	26542	20.958	ug/l	97
56) Ethyl methacrylate	9.116	69	36843	21.114	ug/l	97
57) 1,3-Dichloropropane	9.305	76	43545	21.298	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	73568	88.785	ug/l	100
59) 2-Hexanone	9.427	43	126438	113.998	ug/l	99
60) Dibromochloromethane	9.519	129	31564	23.149	ug/l	100
61) 1,2-Dibromoethane	9.610	107	28607	21.401	ug/l	100
64) Tetrachloroethene	9.275	164	22901	19.013	ug/l	94
65) Chlorobenzene	10.079	112	70228	20.701	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	27188	21.872	ug/l	99
67) Ethyl Benzene	10.195	91	122934	20.428	ug/l	100
68) m/p-Xylenes	10.299	106	96097	40.778	ug/l	98
69) o-Xylene	10.640	106	46280	20.297	ug/l	99
70) Styrene	10.659	104	77550	20.789	ug/l	99
71) Bromoform	10.799	173	24079	25.265	ug/l #	100
73) Isopropylbenzene	10.963	105	127173	20.465	ug/l	100
74) N-amyl acetate	10.842	43	44115	20.869	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	41768	22.270	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	37228m	22.605	ug/l	
77) Bromobenzene	11.201	156	30820	20.166	ug/l	98
78) n-propylbenzene	11.305	91	145535	20.484	ug/l	100
79) 2-Chlorotoluene	11.366	91	87019	20.166	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	107867	20.663	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11533	22.762	ug/l	96
82) 4-Chlorotoluene	11.457	91	100852	19.944	ug/l	99
83) tert-Butylbenzene	11.713	119	108987	20.974	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	106291	20.420	ug/l	99
85) sec-Butylbenzene	11.890	105	130702	21.024	ug/l	100
86) p-Isopropyltoluene	12.012	119	109671	20.822	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	59515	20.762	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	58726	20.004	ug/l	100
89) n-Butylbenzene	12.335	91	91456	20.155	ug/l	99
90) Hexachloroethane	12.536	117	20741	23.968	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	58122	20.844	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8845	23.636	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	35127	20.436	ug/l	99
94) Hexachlorobutadiene	13.725	225	15295	20.169	ug/l	98
95) Naphthalene	13.774	128	118627	21.333	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	35348	20.507	ug/l	99

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

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