

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
 Data File : VX031922.D
 Acq On : 06 Oct 2022 16:57
 Operator : JC/MD
 Sample : VX1006WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1006WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/07/2022
 Supervised By : Mahesh Dadoda 10/07/2022

Quant Time: Oct 07 08:07:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	74351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	113971	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71477	46.550	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.100%		
35) Dibromofluoromethane	5.385	113	61404	47.597	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.200%		
50) Toluene-d8	8.647	98	230062	49.559	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.120%		
62) 4-Bromofluorobenzene	11.079	95	84542	51.514	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	21861	19.757	ug/l	98
3) Chloromethane	1.288	50	20913	18.049	ug/l	94
4) Vinyl Chloride	1.368	62	25384	18.746	ug/l	98
5) Bromomethane	1.612	94	19275	19.802	ug/l	96
6) Chloroethane	1.685	64	19787	17.172	ug/l	95
7) Trichlorofluoromethane	1.886	101	45295	18.609	ug/l	96
8) Diethyl Ether	2.130	74	15230	18.356	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.325	101	22805	18.536	ug/l	91
10) Methyl Iodide	2.447	142	18063	16.389	ug/l	98
11) Tert butyl alcohol	2.989	59	21244	111.200	ug/l	98
12) 1,1-Dichloroethene	2.319	96	20630	18.216	ug/l	90
13) Acrolein	2.240	56	9311	73.523	ug/l	98
14) Allyl chloride	2.660	41	29176	18.106	ug/l	97
15) Acrylonitrile	3.063	53	56392	92.595	ug/l	98
16) Acetone	2.386	43	47724	91.450	ug/l	97
17) Carbon Disulfide	2.508	76	43755	17.991	ug/l	97
18) Methyl Acetate	2.703	43	31470	18.277	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	69599	18.314	ug/l	96
20) Methylene Chloride	2.788	84	23708	17.288	ug/l	87
21) trans-1,2-Dichloroethene	3.087	96	22448	17.899	ug/l	94
22) Diisopropyl ether	3.758	45	66688	18.409	ug/l	95
23) Vinyl Acetate	3.721	43	259757	95.927	ug/l	96
24) 1,1-Dichloroethane	3.605	63	39437	18.161	ug/l	97
25) 2-Butanone	4.562	43	76851	94.205	ug/l	95
26) 2,2-Dichloropropane	4.471	77	28560	18.310	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	27272	18.173	ug/l	89
28) Bromochloromethane	4.898	49	16946	18.232	ug/l #	79
29) Tetrahydrofuran	5.013	42	47827	90.863	ug/l	91
30) Chloroform	5.087	83	44663	18.465	ug/l	98
31) Cyclohexane	5.465	56	33901	18.481	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	38353	18.659	ug/l	98
36) 1,1-Dichloropropene	5.690	75	31743	18.555	ug/l	96
37) Ethyl Acetate	4.715	43	31450	19.527	ug/l	100
38) Carbon Tetrachloride	5.678	117	33729	19.283	ug/l	96
39) Methylcyclohexane	7.379	83	39227	19.224	ug/l	93
40) Benzene	6.038	78	94566	18.878	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	16490	19.689	ug/l	96
42) 1,2-Dichloroethane	6.086	62	34072	18.665	ug/l	98
43) Isopropyl Acetate	6.342	43	46952	19.214	ug/l	97
44) Trichloroethene	7.123	130	26937	18.339	ug/l	91
45) 1,2-Dichloropropane	7.428	63	23370	18.983	ug/l	97
46) Dibromomethane	7.580	93	18086	18.957	ug/l	91
47) Bromodichloromethane	7.824	83	32363	19.636	ug/l	95
48) Methyl methacrylate	7.690	41	22831	19.553	ug/l	92
49) 1,4-Dioxane	7.696	88	11225	382.257	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	157856	97.481	ug/l	98
52) Toluene	8.720	92	64158	19.589	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	29714	17.551	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	34973	19.594	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	25391	18.368	ug/l	98
56) Ethyl methacrylate	9.116	69	34145	19.269	ug/l	94
57) 1,3-Dichloropropane	9.311	76	41447	18.658	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	76852	84.019	ug/l	92
59) 2-Hexanone	9.433	43	115995	97.148	ug/l	96
60) Dibromochloromethane	9.519	129	24876	19.663	ug/l	99
61) 1,2-Dibromoethane	9.610	107	27278	19.622	ug/l	100
64) Tetrachloroethene	9.275	164	26221	18.723	ug/l	96
65) Chlorobenzene	10.080	112	67821	18.044	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	24180	18.592	ug/l	98
67) Ethyl Benzene	10.195	91	119926	18.860	ug/l	100
68) m/p-Xylenes	10.299	106	96506	38.192	ug/l	95
69) o-Xylene	10.640	106	47131	19.190	ug/l	93
70) Styrene	10.659	104	75208	19.155	ug/l	98
71) Bromoform	10.799	173	16167	18.988	ug/l #	98
73) Isopropylbenzene	10.964	105	122387	18.927	ug/l	100
74) N-amyl acetate	10.848	43	38173	19.332	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.214	83	36855	17.939	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	32829m	18.684	ug/l	
77) Bromobenzene	11.201	156	29342	18.422	ug/l	96
78) n-propylbenzene	11.305	91	140236	19.068	ug/l	99
79) 2-Chlorotoluene	11.366	91	81464	18.406	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	104317	19.452	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7846	18.301	ug/l #	84
82) 4-Chlorotoluene	11.457	91	94721	18.687	ug/l	97
83) tert-Butylbenzene	11.713	119	100447	18.924	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	103041	18.914	ug/l	100
85) sec-Butylbenzene	11.890	105	126786	19.294	ug/l	99
86) p-Isopropyltoluene	12.012	119	107708	19.467	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	57304	18.895	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	57950	18.564	ug/l	99
89) n-Butylbenzene	12.335	91	89858	19.394	ug/l	99
90) Hexachloroethane	12.543	117	14378	17.223	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	57716	19.141	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7271	19.334	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	34690	18.955	ug/l	98
94) Hexachlorobutadiene	13.725	225	14434	19.501	ug/l	95
95) Naphthalene	13.774	128	122963	19.608	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	35515	19.132	ug/l	98

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

