

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090622\
 Data File : VX031128.D
 Acq On : 06 Sep 2022 15:15
 Operator : JC/MD
 Sample : VX0906WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0906WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/07/2022
 Supervised By : Mahesh Dadoda 09/07/2022

Quant Time: Sep 06 17:29:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	170632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	263835	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136189	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	110906	50.515	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.020%			
35) Dibromofluoromethane	5.385	113	102576	53.276	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.560%			
50) Toluene-d8	8.647	98	352164	49.698	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.400%			
62) 4-Bromofluorobenzene	11.085	95	130956	52.324	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.640%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	29701	16.917	ug/l	96
3) Chloromethane	1.288	50	21160	13.634	ug/l	92
4) Vinyl Chloride	1.374	62	26714	14.566	ug/l	96
5) Bromomethane	1.611	94	17227	21.010	ug/l	95
6) Chloroethane	1.685	64	12594	11.259	ug/l	89
7) Trichlorofluoromethane	1.880	101	60680	19.580	ug/l	97
8) Diethyl Ether	2.136	74	19447	17.993	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.325	101	39054	19.025	ug/l	90
10) Methyl Iodide	2.453	142	50407	26.805	ug/l	97
11) Tert butyl alcohol	2.989	59	54529m	110.959	ug/l	
12) 1,1-Dichloroethene	2.319	96	34349	17.328	ug/l	90
13) Acrolein	2.239	56	39793	99.046	ug/l	100
14) Allyl chloride	2.666	41	42451	16.125	ug/l #	85
15) Acrylonitrile	3.068	53	100672	97.801	ug/l	98
16) Acetone	2.392	43	79733	94.072	ug/l	97
17) Carbon Disulfide	2.508	76	68293	13.266	ug/l	100
18) Methyl Acetate	2.709	43	45872	18.834	ug/l #	85
19) Methyl tert-butyl Ether	3.117	73	127366	20.864	ug/l	94
20) Methylene Chloride	2.788	84	41696	18.853	ug/l #	83
21) trans-1,2-Dichloroethene	3.087	96	37781	17.128	ug/l	89
22) Diisopropyl ether	3.763	45	93445	17.616	ug/l #	84
23) Vinyl Acetate	3.721	43	396167	92.463	ug/l #	88
24) 1,1-Dichloroethane	3.605	63	63275	17.703	ug/l	98
25) 2-Butanone	4.568	43	120779	92.303	ug/l #	87
26) 2,2-Dichloropropane	4.471	77	54975	19.274	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	46493	18.807	ug/l	90
28) Bromochloromethane	4.903	49	17843	16.849	ug/l #	45
29) Tetrahydrofuran	5.013	42	73952	87.664	ug/l #	74
30) Chloroform	5.092	83	74879	19.103	ug/l	100
31) Cyclohexane	5.470	56	46873	15.629	ug/l #	83
32) 1,1,1-Trichloroethane	5.385	97	67153	19.986	ug/l	95
36) 1,1-Dichloropropene	5.702	75	50753	18.819	ug/l	98
37) Ethyl Acetate	4.721	43	47982	20.477	ug/l	94
38) Carbon Tetrachloride	5.678	117	59327	21.193	ug/l	97
39) Methylcyclohexane	7.385	83	61972	18.542	ug/l	94
40) Benzene	6.037	78	150063	19.381	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	25452	20.373	ug/l #	83
42) 1,2-Dichloroethane	6.086	62	57748	22.609	ug/l	98
43) Isopropyl Acetate	6.342	43	75654	20.658	ug/l #	92
44) Trichloroethene	7.129	130	46551	18.995	ug/l	94
45) 1,2-Dichloropropane	7.427	63	38580	19.439	ug/l	93
46) Dibromomethane	7.580	93	31511	21.213	ug/l #	86
47) Bromodichloromethane	7.824	83	63600	22.917	ug/l	100
48) Methyl methacrylate	7.690	41	37624	20.350	ug/l #	80
49) 1,4-Dioxane	7.683	88	23846	424.044	ug/l	89
51) 4-Methyl-2-Pentanone	8.574	43	234372	99.553	ug/l	88
52) Toluene	8.720	92	100214	19.958	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	59525	21.663	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	63596	20.698	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	46127	21.608	ug/l	94
56) Ethyl methacrylate	9.116	69	61856	21.196	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	72382	21.445	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	143640	98.567	ug/l #	87
59) 2-Hexanone	9.433	43	179743	100.961	ug/l	87
60) Dibromochloromethane	9.525	129	53756	24.252	ug/l	98
61) 1,2-Dibromoethane	9.610	107	52781	23.420	ug/l	99
64) Tetrachloroethene	9.275	164	47179	19.814	ug/l	92
65) Chlorobenzene	10.079	112	114566	20.115	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	46777	22.242	ug/l	96
67) Ethyl Benzene	10.195	91	196390	20.126	ug/l	99
68) m/p-Xylenes	10.305	106	155346	40.592	ug/l	99
69) o-Xylene	10.646	106	75923	20.228	ug/l	99
70) Styrene	10.659	104	127656	21.017	ug/l	100
71) Bromoform	10.799	173	37129	22.704	ug/l #	96
73) Isopropylbenzene	10.963	105	202635	18.458	ug/l	100
74) N-amyl acetate	10.841	43	58294	17.591	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	11.213	83	64788	18.454	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	61258m	19.028	ug/l	
77) Bromobenzene	11.201	156	53068	18.749	ug/l	83
78) n-propylbenzene	11.305	91	227860	18.223	ug/l	97
79) 2-Chlorotoluene	11.366	91	146534	19.032	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	177023	19.161	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	18988	18.536	ug/l	93
82) 4-Chlorotoluene	11.457	91	156092	18.119	ug/l	94
83) tert-Butylbenzene	11.713	119	178239	19.384	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	175993	19.166	ug/l	96
85) sec-Butylbenzene	11.890	105	223822	18.584	ug/l	99
86) p-Isopropyltoluene	12.012	119	197997	20.758	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	107611	19.848	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	105621	19.561	ug/l	96
89) n-Butylbenzene	12.335	91	150736	17.527	ug/l	97
90) Hexachloroethane	12.542	117	34470	19.941	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	98157	17.652	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17422	20.368	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	73728	20.949	ug/l	100
94) Hexachlorobutadiene	13.725	225	28774	18.673	ug/l	96
95) Naphthalene	13.774	128	273967	22.194	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	78870	21.364	ug/l	99

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

