

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071422\
 Data File : VX030063.D
 Acq On : 14 Jul 2022 16:10
 Operator : JC/MD
 Sample : VX0714WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/15/2022
 Supervised By : Mahesh Dadoda 07/15/2022

Quant Time: Jul 15 04:18:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	180103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	306868	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	272543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	112833	51.471	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.940%			
35) Dibromofluoromethane	5.385	113	97507	49.739	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.480%			
50) Toluene-d8	8.653	98	377119	51.149	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.300%			
62) 4-Bromofluorobenzene	11.085	95	133337	52.113	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.220%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	43803	20.837	ug/l	94
3) Chloromethane	1.288	50	39562	21.080	ug/l	97
4) Vinyl Chloride	1.374	62	43458	20.848	ug/l	99
5) Bromomethane	1.605	94	18160	20.508	ug/l	97
6) Chloroethane	1.685	64	24126	20.552	ug/l	96
7) Trichlorofluoromethane	1.886	101	56786	21.093	ug/l	94
8) Diethyl Ether	2.136	74	23723	21.300	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	39301	21.384	ug/l	98
10) Methyl Iodide	2.453	142	36543	21.685	ug/l	98
11) Tert butyl alcohol	2.977	59	52501	92.794	ug/l	99
12) 1,1-Dichloroethene	2.319	96	38623	21.048	ug/l	95
13) Acrolein	2.239	56	9871	87.600	ug/l	96
14) Allyl chloride	2.660	41	67121	20.932	ug/l	99
15) Acrylonitrile	3.068	53	143600	111.678	ug/l	99
16) Acetone	2.386	43	112993	109.387	ug/l	99
17) Carbon Disulfide	2.508	76	97389	18.731	ug/l	98
18) Methyl Acetate	2.709	43	68186	21.698	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	126726	21.848	ug/l	97
20) Methylene Chloride	2.788	84	45436	20.648	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	41424	21.658	ug/l	97
22) Diisopropyl ether	3.764	45	137081	21.839	ug/l	96
23) Vinyl Acetate	3.721	43	603829	113.637	ug/l	99
24) 1,1-Dichloroethane	3.611	63	73197	21.044	ug/l	99
25) 2-Butanone	4.562	43	196874	111.886	ug/l	99
26) 2,2-Dichloropropane	4.477	77	47331	19.372	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	48642	20.768	ug/l	98
28) Bromochloromethane	4.904	49	32257	22.045	ug/l	95
29) Tetrahydrofuran	5.013	42	132321	110.808	ug/l	99
30) Chloroform	5.093	83	74579	21.516	ug/l	95
31) Cyclohexane	5.471	56	66318	20.868	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	60572	21.381	ug/l	97
36) 1,1-Dichloropropene	5.696	75	54049	21.345	ug/l	99
37) Ethyl Acetate	4.721	43	73159	22.484	ug/l	99
38) Carbon Tetrachloride	5.678	117	49161	20.819	ug/l	97
39) Methylcyclohexane	7.385	83	71237	22.192	ug/l	98
40) Benzene	6.037	78	174235	21.861	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	38874	22.188	ug/l	98
42) 1,2-Dichloroethane	6.086	62	55626	22.520	ug/l	99
43) Isopropyl Acetate	6.342	43	106708	21.809	ug/l	99
44) Trichloroethene	7.129	130	46655	20.033	ug/l	95
45) 1,2-Dichloropropane	7.434	63	45148	21.793	ug/l	99
46) Dibromomethane	7.580	93	30993	21.737	ug/l	97
47) Bromodichloromethane	7.824	83	56283	21.754	ug/l	99
48) Methyl methacrylate	7.696	41	51580	22.847	ug/l	97
49) 1,4-Dioxane	7.677	88	26780	456.577	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	374455	115.653	ug/l	100
52) Toluene	8.720	92	106560	21.055	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	58081	21.612	ug/l	93
54) cis-1,3-Dichloropropene	8.366	75	65691	21.337	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	45877	21.981	ug/l	98
56) Ethyl methacrylate	9.116	69	70623	22.506	ug/l	98
57) 1,3-Dichloropropane	9.311	76	73183	22.073	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	184495	108.279	ug/l	100
59) 2-Hexanone	9.433	43	285544	115.005	ug/l	99
60) Dibromochloromethane	9.525	129	41376	20.349	ug/l	98
61) 1,2-Dibromoethane	9.610	107	48588	22.369	ug/l	96
64) Tetrachloroethene	9.275	164	46354	21.187	ug/l	94
65) Chlorobenzene	10.079	112	112236	20.681	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	38042	20.561	ug/l	97
67) Ethyl Benzene	10.195	91	197951	21.521	ug/l	98
68) m/p-Xylenes	10.305	106	156297	43.324	ug/l	100
69) o-Xylene	10.646	106	77248	21.385	ug/l	100
70) Styrene	10.659	104	126584	21.113	ug/l	99
71) Bromoform	10.799	173	29259	19.683	ug/l #	99
73) Isopropylbenzene	10.963	105	197740	21.897	ug/l	100
74) N-amyl acetate	10.848	43	84161	21.219	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	70462	21.627	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	63953m	21.447	ug/l	
77) Bromobenzene	11.201	156	47212	20.895	ug/l	95
78) n-propylbenzene	11.305	91	231884	21.644	ug/l	99
79) 2-Chlorotoluene	11.366	91	137098	21.365	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	163194	21.446	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	20297	19.644	ug/l	97
82) 4-Chlorotoluene	11.457	91	152649	21.232	ug/l	98
83) tert-Butylbenzene	11.719	119	154986	21.239	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	164083	21.800	ug/l	98
85) sec-Butylbenzene	11.890	105	209938	21.762	ug/l	100
86) p-Isopropyltoluene	12.012	119	171549	22.166	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	89680	21.481	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	89303	20.845	ug/l	99
89) n-Butylbenzene	12.335	91	153663	22.160	ug/l	100
90) Hexachloroethane	12.542	117	26046	19.686	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	90978	21.450	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15792	21.228	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	54971	21.101	ug/l	97
94) Hexachlorobutadiene	13.725	225	20853	20.049	ug/l	97
95) Naphthalene	13.774	128	215160	20.807	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	55962	21.112	ug/l	99

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

