

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080921\
 Data File : VX023621.D
 Acq On : 09 Aug 2021 18:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/11/2021 5:17:17 PM

Quant Time: Aug 10 04:04:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	235799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	385620	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	358790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	155140	52.744	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.480%			
35) Dibromofluoromethane	5.397	113	121313	50.315	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.640%			
50) Toluene-d8	8.653	98	450816	50.892	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.780%			
62) 4-Bromofluorobenzene	11.085	95	172983	57.428	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.860%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	99676	45.947	ug/l	97
3) Chloromethane	1.295	50	117142	46.355	ug/l	99
4) Vinyl Chloride	1.374	62	118256	46.229	ug/l	100
5) Bromomethane	1.599	94	68168	44.886	ug/l	97
6) Chloroethane	1.679	64	75997	48.407	ug/l	98
7) Trichlorofluoromethane	1.880	101	193189	46.876	ug/l	98
8) Diethyl Ether	2.142	74	72447	47.626	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	113755	48.720	ug/l	97
10) Methyl Iodide	2.453	142	152325	52.071	ug/l	95
11) Tert butyl alcohol	2.983	59	157891	234.980	ug/l	99
12) 1,1-Dichloroethene	2.319	96	107753	46.507	ug/l	96
13) Acrolein	2.240	56	72586	212.701	ug/l	97
14) Allyl chloride	2.666	41	202327	48.032	ug/l	92
15) Acrylonitrile	3.075	53	370019	243.863	ug/l	98
16) Acetone	2.392	43	326323	226.162	ug/l	92
17) Carbon Disulfide	2.514	76	227316	39.789	ug/l	99
18) Methyl Acetate	2.715	43	174397	50.845	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	409238	50.800	ug/l	99
20) Methylene Chloride	2.794	84	129445	46.121	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	115066	46.751	ug/l	94
22) Diisopropyl ether	3.776	45	423988	50.990	ug/l	92
23) Vinyl Acetate	3.733	43	1874578	255.383	ug/l	94
24) 1,1-Dichloroethane	3.617	63	228976	50.101	ug/l	97
25) 2-Butanone	4.568	43	542938	242.380	ug/l	94
26) 2,2-Dichloropropane	4.483	77	187200	50.081	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	141669	49.563	ug/l	97
28) Bromochloromethane	4.904	49	108136	50.699	ug/l	94
29) Tetrahydrofuran	5.019	42	351485	239.386	ug/l	89
30) Chloroform	5.105	83	237972	50.873	ug/l	99
31) Cyclohexane	5.477	56	194915	44.733	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	206289	51.601	ug/l	98
36) 1,1-Dichloropropene	5.702	75	168147	48.202	ug/l	99
37) Ethyl Acetate	4.727	43	209435	47.618	ug/l	94
38) Carbon Tetrachloride	5.684	117	175024	49.336	ug/l	99
39) Methylcyclohexane	7.385	83	203569	46.209	ug/l	98
40) Benzene	6.044	78	500804	48.421	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	117307	50.513	ug/l	91
42) 1,2-Dichloroethane	6.099	62	199469	52.160	ug/l	95
43) Isopropyl Acetate	6.349	43	342408	50.241	ug/l	93
44) Trichloroethene	7.135	130	133338	46.927	ug/l	99
45) 1,2-Dichloropropane	7.440	63	133429	48.752	ug/l	98
46) Dibromomethane	7.586	93	95319	51.345	ug/l	97
47) Bromodichloromethane	7.830	83	177163	52.970	ug/l	100
48) Methyl methacrylate	7.702	41	165411	52.405	ug/l	87
49) 1,4-Dioxane	7.665	88	60949	906.818	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	1114251	267.296	ug/l	90
52) Toluene	8.720	92	327872	51.168	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	207672	48.994	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	217673	52.207	ug/l #	90
55) 1,1,2-Trichloroethane	9.159	97	141792	54.646	ug/l	99
56) Ethyl methacrylate	9.122	69	229223	55.112	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	231582	52.525	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	525361	238.440	ug/l	96
59) 2-Hexanone	9.433	43	841833	265.937	ug/l	88
60) Dibromochloromethane	9.525	129	141421	49.208	ug/l	99
61) 1,2-Dibromoethane	9.616	107	148005	53.464	ug/l	100
64) Tetrachloroethene	9.281	164	115280	40.371	ug/l	98
65) Chlorobenzene	10.086	112	361064	49.168	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	137830	48.867	ug/l	99
67) Ethyl Benzene	10.195	91	644605	50.612	ug/l	99
68) m/p-Xylenes	10.305	106	492852	100.618	ug/l	99
69) o-Xylene	10.647	106	245024	50.455	ug/l	100
70) Styrene	10.659	104	406969	52.892	ug/l	97
71) Bromoform	10.805	173	101089	46.009	ug/l	100
73) Isopropylbenzene	10.964	105	643193	50.495	ug/l	99
74) N-amyl acetate	10.848	43	302016	51.972	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.214	83	208513	50.253	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	191006m	51.419	ug/l	
77) Bromobenzene	11.201	156	159184	51.806	ug/l	96
78) n-propylbenzene	11.305	91	739335	51.286	ug/l	99
79) 2-Chlorotoluene	11.366	91	443463	51.480	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	531095	51.198	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.025	75	68585	49.645	ug/l	90
82) 4-Chlorotoluene	11.457	91	501759	51.486	ug/l	100
83) tert-Butylbenzene	11.720	119	535704	52.648	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	532556	51.613	ug/l	100
85) sec-Butylbenzene	11.896	105	664709	50.382	ug/l	99
86) p-Isopropyltoluene	12.012	119	546457	51.291	ug/l	97
87) 1,3-Dichlorobenzene	11.976	146	278113	48.924	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	278682	48.314	ug/l	99
89) n-Butylbenzene	12.335	91	476500	49.405	ug/l	98
90) Hexachloroethane	12.543	117	92064	48.314	ug/l	91
91) 1,2-Dichlorobenzene	12.341	146	273689	49.723	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	44075	44.048	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	169985	49.154	ug/l	98
94) Hexachlorobutadiene	13.725	225	67831	43.707	ug/l	99
95) Naphthalene	13.780	128	606316	50.994	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	174262	49.901	ug/l	99

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

