

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033121\
 Data File : VX021698.D
 Acq On : 31 Mar 2021 20:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/1/2021 4:13:50 PM

Quant Time: Apr 01 03:31:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	71111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	118524	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	111196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	54438	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	57548	48.64	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.28%		
35) Dibromofluoromethane	5.458	113	41118	48.84	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.68%		
50) Toluene-d8	8.694	98	146808	48.93	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.86%		
62) 4-Bromofluorobenzene	11.118	95	58075	49.79	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.58%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	34982	44.75	ug/l	99
3) Chloromethane	1.311	50	41678	46.39	ug/l	97
4) Vinyl Chloride	1.393	62	38009	47.54	ug/l	99
5) Bromomethane	1.622	94	18084	56.21	ug/l	99
6) Chloroethane	1.699	64	25007	49.32	ug/l	99
7) Trichlorofluoromethane	1.911	101	64962	49.96	ug/l	99
8) Diethyl Ether	2.169	74	23037	51.06	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.364	101	35863	49.00	ug/l	96
10) Methyl Iodide	2.487	142	34587	59.12	ug/l	91
11) Tert butyl alcohol	3.023	59	48381	247.34	ug/l	96
12) 1,1-Dichloroethene	2.352	96	33684	47.00	ug/l	89
13) Acrolein	2.275	56	23229	235.68	ug/l	99
14) Allyl chloride	2.705	41	68469	47.07	ug/l #	89
15) Acrylonitrile	3.117	53	119388	256.82	ug/l	97
16) Acetone	2.422	43	111919	250.17	ug/l	89
17) Carbon Disulfide	2.546	76	80624	40.06	ug/l	99
18) Methyl Acetate	2.752	43	72460	56.06	ug/l #	89
19) Methyl tert-butyl Ether	3.170	73	137396	51.34	ug/l	100
20) Methylene Chloride	2.834	84	42473	48.65	ug/l	88
21) trans-1,2-Dichloroethene	3.140	96	38091	48.39	ug/l	91
22) Diisopropyl ether	3.823	45	144724	51.21	ug/l	92
23) Vinyl Acetate	3.787	43	603870	252.62	ug/l #	93
24) 1,1-Dichloroethane	3.670	63	76597	50.27	ug/l	97
25) 2-Butanone	4.634	43	172358	254.15	ug/l #	87
26) 2,2-Dichloropropane	4.552	77	58854	44.59	ug/l	96
27) cis-1,2-Dichloroethene	4.558	96	45061	49.30	ug/l	91
28) Bromochloromethane	4.976	49	37280	48.88	ug/l	87
29) Tetrahydrofuran	5.087	42	111521	253.63	ug/l #	85
30) Chloroform	5.176	83	84189	52.35	ug/l	96
31) Cyclohexane	5.546	56	60625	46.60	ug/l	91
32) 1,1,1-Trichloroethane	5.458	97	72979	51.22	ug/l	96
36) 1,1-Dichloropropene	5.770	75	55855	48.10	ug/l	97
37) Ethyl Acetate	4.793	43	63703	47.44	ug/l #	93
38) Carbon Tetrachloride	5.752	117	63685	51.03	ug/l	99
39) Methylcyclohexane	7.441	83	59047	45.86	ug/l	95
40) Benzene	6.111	78	165755	50.26	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.005	41	38953	50.02	ug/l #	88
42) 1,2-Dichloroethane	6.158	62	72846	50.95	ug/l	93
43) Isopropyl Acetate	6.411	43	108173	49.61	ug/l #	91
44) Trichloroethene	7.188	130	43380	49.85	ug/l	99
45) 1,2-Dichloropropane	7.488	63	45591	51.03	ug/l	99
46) Dibromomethane	7.635	93	33040	50.74	ug/l	92
47) Bromodichloromethane	7.876	83	68888	51.99	ug/l	99
48) Methyl methacrylate	7.747	41	59133	50.84	ug/l #	83
49) 1,4-Dioxane	7.711	88	21632	1038.85	ug/l #	88
51) 4-Methyl-2-Pentanone	8.623	43	356652	265.94	ug/l	88
52) Toluene	8.764	92	105724	51.90	ug/l	98
53) t-1,3-Dichloropropene	9.023	75	68604	51.27	ug/l	99
54) cis-1,3-Dichloropropene	8.417	75	72902	51.20	ug/l #	87
55) 1,1,2-Trichloroethane	9.194	97	46247	53.79	ug/l	98
56) Ethyl methacrylate	9.159	69	67964	46.93	ug/l #	76
57) 1,3-Dichloropropane	9.353	76	76699	52.13	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	188844	259.92	ug/l	95
59) 2-Hexanone	9.470	43	269543	267.66	ug/l	85
60) Dibromochloromethane	9.565	129	52863	54.90	ug/l	98
61) 1,2-Dibromoethane	9.653	107	48056	52.03	ug/l	100
64) Tetrachloroethene	9.317	164	39368	52.85	ug/l	91
65) Chlorobenzene	10.123	112	113056	50.61	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.206	131	46181	53.95	ug/l	99
67) Ethyl Benzene	10.235	91	207127	50.87	ug/l	99
68) m/p-Xylenes	10.341	106	151558	104.48	ug/l	92
69) o-Xylene	10.682	106	73483	52.30	ug/l	93
70) Styrene	10.694	104	126387	52.31	ug/l	94
71) Bromoform	10.835	173	36570	52.57	ug/l #	96
73) Isopropylbenzene	11.000	105	204089	53.36	ug/l	99
74) N-amyl acetate	10.882	43	96785	52.30	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	70342	52.05	ug/l	98
76) 1,2,3-Trichloropropane	11.277	75	68615m	54.14	ug/l	
77) Bromobenzene	11.235	156	49931	52.66	ug/l	95
78) n-propylbenzene	11.341	91	233719	51.74	ug/l	99
79) 2-Chlorotoluene	11.406	91	143916	52.52	ug/l	100
80) 1,3,5-Trimethylbenzene	11.488	105	173602	53.12	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	21016	50.51	ug/l #	85
82) 4-Chlorotoluene	11.494	91	168785	51.88	ug/l	97
83) tert-Butylbenzene	11.753	119	165336	51.97	ug/l	92
84) 1,2,4-Trimethylbenzene	11.788	105	177077	53.76	ug/l	97
85) sec-Butylbenzene	11.930	105	191703	52.24	ug/l	99
86) p-Isopropyltoluene	12.047	119	179292	53.67	ug/l	97
87) 1,3-Dichlorobenzene	12.012	146	87587	51.30	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	88215	49.94	ug/l	98
89) n-Butylbenzene	12.371	91	155418	50.78	ug/l	97
90) Hexachloroethane	12.577	117	31322	51.95	ug/l	96
91) 1,2-Dichlorobenzene	12.377	146	86267	51.96	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.983	75	16239	47.77	ug/l	81
93) 1,2,4-Trichlorobenzene	13.630	180	54936	50.49	ug/l	99
94) Hexachlorobutadiene	13.765	225	23069	46.97	ug/l	97
95) Naphthalene	13.818	128	186788	52.63	ug/l	100
96) 1,2,3-Trichlorobenzene	14.000	180	55360	50.90	ug/l	98

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

