

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032621\
 Data File : VX021562.D
 Acq On : 27 Mar 2021 04:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.1mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

SAM
 3/30/2021 7:15:48 PM

Quant Time: Mar 27 05:10:31 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	74457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	124992	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	118182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	55097	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	59755	48.23	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.46%		
35) Dibromofluoromethane	5.464	113	43224	48.68	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.36%		
50) Toluene-d8	8.694	98	153896	48.64	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.28%		
62) 4-Bromofluorobenzene	11.118	95	59780	48.60	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.20%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	41171	50.31	ug/l	97
3) Chloromethane	1.311	50	47288	50.26	ug/l	97
4) Vinyl Chloride	1.393	62	44252	52.87	ug/l	97
5) Bromomethane	1.622	94	18902	56.11	ug/l	100
6) Chloroethane	1.699	64	27697	52.17	ug/l	100
7) Trichlorofluoromethane	1.911	101	70539	51.81	ug/l	98
8) Diethyl Ether	2.170	74	24981	52.88	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.364	101	38101	49.71	ug/l	98
10) Methyl Iodide	2.487	142	36155	59.03	ug/l #	89
11) Tert butyl alcohol	3.023	59	53393	260.70	ug/l	97
12) 1,1-Dichloroethene	2.352	96	37721	50.27	ug/l	90
13) Acrolein	2.270	56	22885	222.01	ug/l	99
14) Allyl chloride	2.705	41	73473	48.24	ug/l #	88
15) Acrylonitrile	3.117	53	130313	267.73	ug/l	97
16) Acetone	2.422	43	124770	266.36	ug/l	89
17) Carbon Disulfide	2.546	76	96937	46.01	ug/l	99
18) Methyl Acetate	2.746	43	76287	56.37	ug/l	90
19) Methyl tert-butyl Ether	3.170	73	149348	53.30	ug/l	98
20) Methylene Chloride	2.828	84	46030	50.36	ug/l #	86
21) trans-1,2-Dichloroethene	3.140	96	41787	50.70	ug/l	88
22) Diisopropyl ether	3.829	45	157389	53.19	ug/l #	90
23) Vinyl Acetate	3.781	43	660938	264.07	ug/l #	93
24) 1,1-Dichloroethane	3.670	63	83162	52.13	ug/l	97
25) 2-Butanone	4.635	43	189942	267.50	ug/l #	88
26) 2,2-Dichloropropane	4.546	77	48143	34.84	ug/l	99
27) cis-1,2-Dichloroethene	4.564	96	49197	51.40	ug/l	94
28) Bromochloromethane	4.982	49	39825	49.87	ug/l	85
29) Tetrahydrofuran	5.088	42	123127	267.44	ug/l #	86
30) Chloroform	5.176	83	89615	53.22	ug/l	100
31) Cyclohexane	5.546	56	69420	50.96	ug/l	93
32) 1,1,1-Trichloroethane	5.464	97	78436	52.57	ug/l	96
36) 1,1-Dichloropropene	5.770	75	61458	50.18	ug/l	97
37) Ethyl Acetate	4.793	43	71459	50.46	ug/l #	93
38) Carbon Tetrachloride	5.752	117	68230	51.84	ug/l	98
39) Methylcyclohexane	7.441	83	64317	47.37	ug/l	95
40) Benzene	6.111	78	180034	51.77	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	41093	50.03	ug/l	89
42) 1,2-Dichloroethane	6.158	62	78788	52.25	ug/l	93
43) Isopropyl Acetate	6.411	43	119829	52.12	ug/l #	91
44) Trichloroethene	7.188	130	47222	51.45	ug/l	97
45) 1,2-Dichloropropane	7.488	63	49439	52.48	ug/l	99
46) Dibromomethane	7.635	93	35417	51.58	ug/l	94
47) Bromodichloromethane	7.876	83	72117	51.61	ug/l	98
48) Methyl methacrylate	7.747	41	64329	52.45	ug/l #	83
49) 1,4-Dioxane	7.711	88	23286	1060.42	ug/l #	89
51) 4-Methyl-2-Pentanone	8.617	43	388494	274.69	ug/l	88
52) Toluene	8.765	92	113918	53.03	ug/l	99
53) t-1,3-Dichloropropene	9.023	75	70409	49.90	ug/l	96
54) cis-1,3-Dichloropropene	8.412	75	74946	49.91	ug/l #	85
55) 1,1,2-Trichloroethane	9.194	97	48993	54.04	ug/l	98
56) Ethyl methacrylate	9.159	69	75090	49.07	ug/l #	77
57) 1,3-Dichloropropane	9.353	76	82199	52.98	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	202881	264.79	ug/l	95
59) 2-Hexanone	9.470	43	292279	275.22	ug/l	85
60) Dibromochloromethane	9.565	129	56170	55.32	ug/l	97
61) 1,2-Dibromoethane	9.653	107	51339	52.71	ug/l	99
64) Tetrachloroethene	9.318	164	41451	52.36	ug/l #	84
65) Chlorobenzene	10.118	112	122808	51.72	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.206	131	48312	53.11	ug/l	100
67) Ethyl Benzene	10.235	91	225511	52.11	ug/l	99
68) m/p-Xylenes	10.341	106	162284	105.26	ug/l	94
69) o-Xylene	10.682	106	79752	53.41	ug/l	96
70) Styrene	10.694	104	135772	52.87	ug/l	96
71) Bromoform	10.841	173	39561	53.51	ug/l #	99
73) Isopropylbenzene	11.000	105	217652	56.22	ug/l	98
74) N-amyl acetate	10.882	43	101651	54.27	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.253	83	74381	54.38	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	70916m	55.29	ug/l	
77) Bromobenzene	11.241	156	52960	55.19	ug/l	97
78) n-propylbenzene	11.341	91	250464	54.78	ug/l	97
79) 2-Chlorotoluene	11.406	91	151162	54.51	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	185075	55.96	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.059	75	20440	48.54	ug/l #	83
82) 4-Chlorotoluene	11.494	91	175216	53.21	ug/l	99
83) tert-Butylbenzene	11.753	119	174640	54.23	ug/l	92
84) 1,2,4-Trimethylbenzene	11.788	105	184269	55.27	ug/l	99
85) sec-Butylbenzene	11.930	105	201133	54.15	ug/l	99
86) p-Isopropyltoluene	12.047	119	181669	53.73	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	92463	53.51	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	91318	51.08	ug/l	97
89) n-Butylbenzene	12.371	91	156419	50.49	ug/l	97
90) Hexachloroethane	12.577	117	32979	54.05	ug/l	91
91) 1,2-Dichlorobenzene	12.371	146	88946	52.94	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.983	75	17055	49.50	ug/l	82
93) 1,2,4-Trichlorobenzene	13.630	180	56103	50.95	ug/l	98
94) Hexachlorobutadiene	13.765	225	22111	44.48	ug/l	96
95) Naphthalene	13.818	128	201117	55.99	ug/l	100
96) 1,2,3-Trichlorobenzene	14.000	180	60057	54.56	ug/l	97

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

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