

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032621\
 Data File : VX021539.D
 Acq On : 26 Mar 2021 19:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Mar 27 04:30:51 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	5.623	168	75955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	123299	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	118441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	59904	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	59946	47.43	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.86%		
35) Dibromofluoromethane	5.464	113	42401	48.41	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.82%		
50) Toluene-d8	8.694	98	152942	49.00	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.00%		
62) 4-Bromofluorobenzene	11.118	95	62272	51.32	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.64%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.181	85	40750	48.81	ug/l	97
3) Chloromethane	1.311	50	46299	48.24	ug/l	99
4) Vinyl Chloride	1.393	62	43037	50.40	ug/l	99
5) Bromomethane	1.622	94	17785	51.75	ug/l	97
6) Chloroethane	1.699	64	27144	50.12	ug/l	98
7) Trichlorofluoromethane	1.905	101	70327	50.64	ug/l	96
8) Diethyl Ether	2.170	74	23656	49.08	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.358	101	39791	50.90	ug/l	96
10) Methyl Iodide	2.487	142	30513	49.98	ug/l #	87
11) Tert butyl alcohol	3.023	59	52048	249.12	ug/l	97
12) 1,1-Dichloroethene	2.352	96	37156	48.54	ug/l	86
13) Acrolein	2.270	56	22393	213.13	ug/l	95
14) Allyl chloride	2.705	41	75324	48.48	ug/l #	88
15) Acrylonitrile	3.117	53	127743	257.27	ug/l	97
16) Acetone	2.422	43	119883	250.88	ug/l	88
17) Carbon Disulfide	2.546	76	96433	44.86	ug/l	100
18) Methyl Acetate	2.746	43	75799	54.91	ug/l #	89
19) Methyl tert-butyl Ether	3.164	73	145644	50.95	ug/l	100
20) Methylene Chloride	2.828	84	45690	49.00	ug/l #	86
21) trans-1,2-Dichloroethene	3.134	96	40832	48.56	ug/l	89
22) Diisopropyl ether	3.823	45	154299	51.12	ug/l	96
23) Vinyl Acetate	3.781	43	647895	253.75	ug/l #	92
24) 1,1-Dichloroethane	3.664	63	82205	50.51	ug/l	96
25) 2-Butanone	4.629	43	183914	253.90	ug/l	90
26) 2,2-Dichloropropane	4.546	77	67017	47.54	ug/l	95
27) cis-1,2-Dichloroethene	4.558	96	48438	49.61	ug/l	90
28) Bromochloromethane	4.982	49	38864	47.70	ug/l	85
29) Tetrahydrofuran	5.088	42	118950	253.27	ug/l	87
30) Chloroform	5.170	83	88026	51.25	ug/l	98
31) Cyclohexane	5.546	56	68906	49.58	ug/l	91
32) 1,1,1-Trichloroethane	5.458	97	77270	50.77	ug/l	96
36) 1,1-Dichloropropene	5.764	75	61238	50.69	ug/l	97
37) Ethyl Acetate	4.793	43	70028	50.13	ug/l #	92
38) Carbon Tetrachloride	5.752	117	67938	52.33	ug/l	99
39) Methylcyclohexane	7.435	83	68448	51.11	ug/l	91
40) Benzene	6.105	78	177754	51.82	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	40704	50.24	ug/l	89
42) 1,2-Dichloroethane	6.158	62	77469	52.08	ug/l	93
43) Isopropyl Acetate	6.411	43	116178	51.22	ug/l #	91
44) Trichloroethene	7.188	130	45781	50.57	ug/l	99
45) 1,2-Dichloropropane	7.488	63	48453	52.14	ug/l	97
46) Dibromomethane	7.635	93	35256	52.05	ug/l	93
47) Bromodichloromethane	7.870	83	72313	52.46	ug/l	98
48) Methyl methacrylate	7.741	41	62833	51.93	ug/l #	83
49) 1,4-Dioxane	7.711	88	23587	1088.87	ug/l #	88
51) 4-Methyl-2-Pentanone	8.617	43	380815	272.96	ug/l	88
52) Toluene	8.764	92	111528	52.63	ug/l	97
53) t-1,3-Dichloropropene	9.023	75	72904	52.38	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	78516	53.01	ug/l #	85
55) 1,1,2-Trichloroethane	9.194	97	47906	53.57	ug/l	98
56) Ethyl methacrylate	9.159	69	73067	48.44	ug/l #	75
57) 1,3-Dichloropropane	9.353	76	80045	52.30	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	196825	260.41	ug/l	96
59) 2-Hexanone	9.470	43	290346	277.15	ug/l	85
60) Dibromochloromethane	9.565	129	55281	55.19	ug/l	100
61) 1,2-Dibromoethane	9.653	107	50585	52.65	ug/l	98
64) Tetrachloroethene	9.318	164	41611	52.45	ug/l	93
65) Chlorobenzene	10.118	112	124038	52.13	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.200	131	47436	52.03	ug/l	99
67) Ethyl Benzene	10.235	91	227415	52.44	ug/l	99
68) m/p-Xylenes	10.341	106	164265	106.31	ug/l	92
69) o-Xylene	10.682	106	79376	53.04	ug/l	94
70) Styrene	10.694	104	138401	53.78	ug/l	95
71) Bromoform	10.841	173	39689	53.57	ug/l #	100
73) Isopropylbenzene	11.000	105	221081	52.53	ug/l	99
74) N-amyl acetate	10.877	43	102902	50.53	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	77056	51.81	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	73944m	53.02	ug/l	
77) Bromobenzene	11.235	156	55232	52.94	ug/l	97
78) n-propylbenzene	11.341	91	259526	52.21	ug/l	98
79) 2-Chlorotoluene	11.406	91	158025	52.41	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	192006	53.39	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.059	75	23005	50.25	ug/l #	82
82) 4-Chlorotoluene	11.494	91	189140	52.83	ug/l	96
83) tert-Butylbenzene	11.753	119	182545	52.14	ug/l	92
84) 1,2,4-Trimethylbenzene	11.788	105	195565	53.95	ug/l	97
85) sec-Butylbenzene	11.930	105	214644	53.15	ug/l	99
86) p-Isopropyltoluene	12.047	119	197701	53.78	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	97888	52.10	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	95596	49.18	ug/l	96
89) n-Butylbenzene	12.371	91	178031	52.86	ug/l	97
90) Hexachloroethane	12.577	117	34336	51.75	ug/l	95
91) 1,2-Dichlorobenzene	12.377	146	94783	51.88	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	17925	47.91	ug/l	81
93) 1,2,4-Trichlorobenzene	13.630	180	64099	53.54	ug/l	99
94) Hexachlorobutadiene	13.765	225	25603	47.38	ug/l	96
95) Naphthalene	13.818	128	210256	53.84	ug/l	100
96) 1,2,3-Trichlorobenzene	14.000	180	61265	51.19	ug/l	98

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

