

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032421\
 Data File : VX021472.D
 Acq On : 25 Mar 2021 06:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/25/2021 9:50:43 AM

Quant Time: Mar 25 06:58:33 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	68819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	118389	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	110003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	55225	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	58826	51.37	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.74%			
35) Dibromofluoromethane	5.464	113	42384	50.40	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.80%			
50) Toluene-d8	8.694	98	148574	49.58	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.16%			
62) 4-Bromofluorobenzene	11.118	95	57615	49.45	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.90%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	38270	50.59	ug/l	99
3) Chloromethane	1.311	50	46665	53.66	ug/l	97
4) Vinyl Chloride	1.393	62	41382	53.49	ug/l	99
5) Bromomethane	1.623	94	18270	58.67	ug/l	97
6) Chloroethane	1.705	64	25978	52.94	ug/l	99
7) Trichlorofluoromethane	1.911	101	67622	53.74	ug/l	97
8) Diethyl Ether	2.170	74	22831	52.28	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.358	101	36203	51.11	ug/l	96
10) Methyl Iodide	2.487	142	28744	51.70	ug/l #	87
11) Tert butyl alcohol	3.017	59	48537	256.40	ug/l	97
12) 1,1-Dichloroethene	2.352	96	35669	51.43	ug/l	86
13) Acrolein	2.276	56	23024	241.28	ug/l	98
14) Allyl chloride	2.705	41	69669	49.49	ug/l #	88
15) Acrylonitrile	3.117	53	120841	268.61	ug/l	97
16) Acetone	2.423	43	115948	267.81	ug/l	89
17) Carbon Disulfide	2.546	76	94264	48.40	ug/l	99
18) Methyl Acetate	2.752	43	71562	57.21	ug/l	90
19) Methyl tert-butyl Ether	3.170	73	139014	53.67	ug/l	98
20) Methylene Chloride	2.834	84	43078	50.99	ug/l #	86
21) trans-1,2-Dichloroethene	3.140	96	39393	51.71	ug/l	89
22) Diisopropyl ether	3.829	45	148194	54.18	ug/l	92
23) Vinyl Acetate	3.788	43	623725	269.62	ug/l #	93
24) 1,1-Dichloroethane	3.670	63	78110	52.97	ug/l	97
25) 2-Butanone	4.635	43	176147	268.39	ug/l #	89
26) 2,2-Dichloropropane	4.546	77	41768	32.70	ug/l	100
27) cis-1,2-Dichloroethene	4.564	96	46112	52.13	ug/l	94
28) Bromochloromethane	4.982	49	37561	50.88	ug/l	84
29) Tetrahydrofuran	5.088	42	114965	270.17	ug/l #	85
30) Chloroform	5.176	83	84861	54.53	ug/l	100
31) Cyclohexane	5.547	56	66845	53.09	ug/l	91
32) 1,1,1-Trichloroethane	5.458	97	74280	53.86	ug/l	96
36) 1,1-Dichloropropene	5.764	75	58677	50.58	ug/l	96
37) Ethyl Acetate	4.794	43	66536	49.61	ug/l #	93
38) Carbon Tetrachloride	5.752	117	65272	52.36	ug/l	97
39) Methylcyclohexane	7.441	83	62340	48.48	ug/l	93
40) Benzene	6.111	78	169614	51.49	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.005	41	39465	50.73	ug/l	89
42) 1,2-Dichloroethane	6.158	62	74085	51.87	ug/l	93
43) Isopropyl Acetate	6.411	43	112265	51.55	ug/l #	90
44) Trichloroethene	7.188	130	45491	52.33	ug/l	96
45) 1,2-Dichloropropane	7.488	63	46282	51.87	ug/l	98
46) Dibromomethane	7.635	93	33281	51.17	ug/l	91
47) Bromodichloromethane	7.876	83	69086	52.20	ug/l	100
48) Methyl methacrylate	7.747	41	59973	51.62	ug/l #	82
49) 1,4-Dioxane	7.712	88	21298	1023.98	ug/l #	88
51) 4-Methyl-2-Pentanone	8.618	43	356899	266.42	ug/l	88
52) Toluene	8.765	92	104915	51.57	ug/l	98
53) t-1,3-Dichloropropene	9.023	75	63972	47.87	ug/l	97
54) cis-1,3-Dichloropropene	8.412	75	68637	48.26	ug/l #	84
55) 1,1,2-Trichloroethane	9.194	97	44214	51.49	ug/l	95
56) Ethyl methacrylate	9.159	69	67556	46.72	ug/l #	75
57) 1,3-Dichloropropane	9.353	76	75288	51.23	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	193279	266.32	ug/l	94
59) 2-Hexanone	9.471	43	267350	265.79	ug/l	85
60) Dibromochloromethane	9.565	129	50559	52.57	ug/l	98
61) 1,2-Dibromoethane	9.653	107	46750	50.68	ug/l	99
64) Tetrachloroethene	9.318	164	38394	52.10	ug/l	95
65) Chlorobenzene	10.118	112	112505	50.91	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.206	131	44005	51.97	ug/l	99
67) Ethyl Benzene	10.235	91	206663	51.31	ug/l	97
68) m/p-Xylenes	10.341	106	150751	105.05	ug/l	92
69) o-Xylene	10.683	106	72611	52.24	ug/l	93
70) Styrene	10.694	104	125362	52.45	ug/l	95
71) Bromoform	10.841	173	35634	51.78	ug/l #	100
73) Isopropylbenzene	11.000	105	199576	51.44	ug/l	99
74) N-amyl acetate	10.883	43	93478	49.79	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.253	83	69767	50.89	ug/l	98
76) 1,2,3-Trichloropropane	11.277	75	66685m	51.87	ug/l	
77) Bromobenzene	11.236	156	47313	49.19	ug/l	93
78) n-propylbenzene	11.341	91	233158	50.88	ug/l	97
79) 2-Chlorotoluene	11.406	91	141221	50.80	ug/l	99
80) 1,3,5-Trimethylbenzene	11.489	105	171177	51.64	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.059	75	18547	43.94	ug/l #	82
82) 4-Chlorotoluene	11.494	91	164912	49.97	ug/l	97
83) tert-Butylbenzene	11.753	119	160351	49.68	ug/l	92
84) 1,2,4-Trimethylbenzene	11.789	105	172176	51.52	ug/l	96
85) sec-Butylbenzene	11.930	105	186713	50.15	ug/l	100
86) p-Isopropyltoluene	12.047	119	170664	50.36	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	86044	49.68	ug/l	97
88) 1,4-Dichlorobenzene	12.077	146	86894	48.49	ug/l	98
89) n-Butylbenzene	12.371	91	151491	48.79	ug/l	97
90) Hexachloroethane	12.577	117	30822	50.39	ug/l	94
91) 1,2-Dichlorobenzene	12.371	146	85753	50.92	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.983	75	16839	48.79	ug/l	82
93) 1,2,4-Trichlorobenzene	13.630	180	53790	48.73	ug/l	97
94) Hexachlorobutadiene	13.765	225	23157	46.48	ug/l	97
95) Naphthalene	13.812	128	194220	53.95	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	57572	52.18	ug/l	98

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

