

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052921\
 Data File : VX022259.D
 Acq On : 28 May 2021 17:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 6/2/2021 2:27:59 PM

Quant Time: May 29 04:12:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	82414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	162946	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64379	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67725	53.27	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.54%			
35) Dibromofluoromethane	5.391	113	53200	51.48	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.96%			
50) Toluene-d8	8.653	98	200569	50.39	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.78%			
62) 4-Bromofluorobenzene	11.085	95	74344	50.53	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.06%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	47546	47.45	ug/l	100
3) Chloromethane	1.294	50	47277	43.75	ug/l	99
4) Vinyl Chloride	1.374	62	54828	47.94	ug/l	97
5) Bromomethane	1.599	94	25683	38.52	ug/l	97
6) Chloroethane	1.678	64	33350	48.98	ug/l	99
7) Trichlorofluoromethane	1.886	101	81436	49.53	ug/l	96
8) Diethyl Ether	2.136	74	33671	47.62	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.325	101	50439	51.66	ug/l	93
10) Methyl Iodide	2.453	142	50248	47.89	ug/l	94
11) Tert butyl alcohol	2.977	59	69027	237.39	ug/l	98
12) 1,1-Dichloroethene	2.319	96	46834	49.58	ug/l	94
13) Acrolein	2.239	56	34729	180.08	ug/l	99
14) Allyl chloride	2.666	41	89793	51.76	ug/l	98
15) Acrylonitrile	3.068	53	155955	272.44	ug/l	99
16) Acetone	2.386	43	135193	244.23	ug/l	98
17) Carbon Disulfide	2.508	76	97283	39.32	ug/l	97
18) Methyl Acetate	2.709	43	82196	55.83	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	172686	53.37	ug/l	98
20) Methylene Chloride	2.788	84	58481	47.58	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	52392	50.99	ug/l	98
22) Diisopropyl ether	3.769	45	179428	53.70	ug/l	94
23) Vinyl Acetate	3.727	43	856731	266.30	ug/l	96
24) 1,1-Dichloroethane	3.617	63	103890	52.98	ug/l	98
25) 2-Butanone	4.562	43	238846	266.70	ug/l	93
26) 2,2-Dichloropropane	4.477	77	86608	49.76	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	64795	51.86	ug/l	99
28) Bromochloromethane	4.903	49	50694	53.29	ug/l #	81
29) Tetrahydrofuran	5.013	42	140096	262.83	ug/l	91
30) Chloroform	5.099	83	107855	53.23	ug/l	98
31) Cyclohexane	5.470	56	78363	49.05	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	89497	51.69	ug/l	98
36) 1,1-Dichloropropene	5.696	75	76754	50.94	ug/l	99
37) Ethyl Acetate	4.727	43	94078	50.93	ug/l	95
38) Carbon Tetrachloride	5.684	117	74690	50.67	ug/l	97
39) Methylcyclohexane	7.385	83	82765	48.43	ug/l	99
40) Benzene	6.043	78	234313	50.54	ug/l	100

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41) Methacrylonitrile	4.928	41	51629	52.25	ug/l	94
42) 1,2-Dichloroethane	6.092	62	84333	51.92	ug/l	98
43) Isopropyl Acetate	6.348	43	159011	52.63	ug/l	94
44) Trichloroethene	7.129	130	56470	49.02	ug/l	97
45) 1,2-Dichloropropane	7.433	63	62918	53.20	ug/l	100
46) Dibromomethane	7.586	93	40448	50.41	ug/l #	87
47) Bromodichloromethane	7.824	83	81236	50.60	ug/l	99
48) Methyl methacrylate	7.696	41	72552	52.11	ug/l	91
49) 1,4-Dioxane	7.659	88	25397	936.87	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	486294	268.71	ug/l	92
52) Toluene	8.720	92	146317	49.84	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	93048	50.21	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	101904	51.15	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	62821	52.71	ug/l	96
56) Ethyl methacrylate	9.122	69	101125	52.50	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	105944	52.06	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	264057	253.46	ug/l	97
59) 2-Hexanone	9.433	43	364269	267.63	ug/l	91
60) Dibromochloromethane	9.525	129	57778	49.83	ug/l	97
61) 1,2-Dibromoethane	9.610	107	61974	52.22	ug/l	100
64) Tetrachloroethene	9.275	164	48159	50.93	ug/l #	90
65) Chlorobenzene	10.079	112	153376	51.15	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	56256	54.00	ug/l	97
67) Ethyl Benzene	10.195	91	286592	51.96	ug/l	99
68) m/p-Xylenes	10.305	106	211259	101.34	ug/l	98
69) o-Xylene	10.646	106	104899	51.74	ug/l	100
70) Styrene	10.659	104	175251	52.77	ug/l	98
71) Bromoform	10.805	173	34646	43.58	ug/l #	99
73) Isopropylbenzene	10.963	105	279616	51.32	ug/l	99
74) N-amyl acetate	10.847	43	140903	54.48	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	95660	52.97	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	87843m	55.31	ug/l	
77) Bromobenzene	11.201	156	56830	49.19	ug/l	85
78) n-propylbenzene	11.305	91	334496	52.41	ug/l	98
79) 2-Chlorotoluene	11.366	91	194827	50.33	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	233691	51.75	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	32667	48.73	ug/l	96
82) 4-Chlorotoluene	11.457	91	226107	50.70	ug/l	97
83) tert-Butylbenzene	11.719	119	219724	50.73	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	236445	52.02	ug/l	98
85) sec-Butylbenzene	11.896	105	290682	52.81	ug/l	97
86) p-Isopropyltoluene	12.012	119	242738	52.22	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	112432	50.47	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	113454	49.27	ug/l	96
89) n-Butylbenzene	12.335	91	229260	53.32	ug/l	98
90) Hexachloroethane	12.542	117	37773	49.17	ug/l	74
91) 1,2-Dichlorobenzene	12.335	146	110642	51.71	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19938	51.59	ug/l	81
93) 1,2,4-Trichlorobenzene	13.591	180	68944	53.40	ug/l	98
94) Hexachlorobutadiene	13.731	225	24228	48.08	ug/l	96
95) Naphthalene	13.780	128	271616	53.95	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	68935	52.97	ug/l	98

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

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