

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060121\
 Data File : VX022287.D
 Acq On : 01 Jun 2021 12:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/2/2021 1:58:56 PM

Quant Time: Jun 01 16:06:33 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	98801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	193076	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79421	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	84567	55.49	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.98%			
35) Dibromofluoromethane	5.391	113	65506	53.50	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.00%			
50) Toluene-d8	8.653	98	251112	53.24	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.48%			
62) 4-Bromofluorobenzene	11.085	95	98571	56.54	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.08%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	55441	46.16	ug/l	96
3) Chloromethane	1.294	50	59654	46.04	ug/l	98
4) Vinyl Chloride	1.373	62	65330	47.65	ug/l	99
5) Bromomethane	1.599	94	43624	54.58	ug/l	94
6) Chloroethane	1.684	64	40669	49.82	ug/l	97
7) Trichlorofluoromethane	1.886	101	98285	49.86	ug/l	97
8) Diethyl Ether	2.135	74	40799	48.13	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	59934	51.20	ug/l	91
10) Methyl Iodide	2.453	142	58620	46.60	ug/l	95
11) Tert butyl alcohol	2.977	59	89969	258.10	ug/l	100
12) 1,1-Dichloroethene	2.318	96	57309	50.61	ug/l	98
13) Acrolein	2.239	56	18014	77.92	ug/l	98
14) Allyl chloride	2.666	41	111554	53.64	ug/l	97
15) Acrylonitrile	3.068	53	191620	279.22	ug/l	100
16) Acetone	2.385	43	193754	291.96	ug/l	97
17) Carbon Disulfide	2.513	76	122048	41.15	ug/l	100
18) Methyl Acetate	2.709	43	100930	57.19	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	209159	53.92	ug/l	100
20) Methylene Chloride	2.794	84	70331	47.73	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	63172	51.29	ug/l	100
22) Diisopropyl ether	3.769	45	222603	55.57	ug/l	94
23) Vinyl Acetate	3.727	43	1057002	274.06	ug/l	96
24) 1,1-Dichloroethane	3.611	63	127468	54.22	ug/l	98
25) 2-Butanone	4.562	43	310275	289.00	ug/l	92
26) 2,2-Dichloropropane	4.483	77	112113	53.73	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	79056	52.78	ug/l	98
28) Bromochloromethane	4.903	49	64524	56.58	ug/l	84
29) Tetrahydrofuran	5.013	42	174526	273.12	ug/l	90
30) Chloroform	5.104	83	128973	53.10	ug/l	99
31) Cyclohexane	5.476	56	93537	48.84	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	107216	51.66	ug/l	97
36) 1,1-Dichloropropene	5.696	75	92764	51.96	ug/l	97
37) Ethyl Acetate	4.720	43	115582	52.81	ug/l	95
38) Carbon Tetrachloride	5.684	117	90038	51.55	ug/l	99
39) Methylcyclohexane	7.385	83	99662	49.22	ug/l	98
40) Benzene	6.043	78	283663	51.64	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	64569	55.15	ug/l	94
42) 1,2-Dichloroethane	6.092	62	102032	53.02	ug/l	98
43) Isopropyl Acetate	6.348	43	197942	55.29	ug/l	94
44) Trichloroethene	7.128	130	68767	50.38	ug/l	96
45) 1,2-Dichloropropane	7.433	63	77164	55.07	ug/l	96
46) Dibromomethane	7.586	93	49509	52.08	ug/l #	88
47) Bromodichloromethane	7.823	83	101746	53.48	ug/l	95
48) Methyl methacrylate	7.695	41	91960	55.74	ug/l	90
49) 1,4-Dioxane	7.665	88	34127	1062.46	ug/l	97
51) 4-Methyl-2-Pentanone	8.579	43	616020	287.28	ug/l	91
52) Toluene	8.720	92	179185	51.51	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	118892	54.14	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	128100	54.26	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	76528	54.19	ug/l	99
56) Ethyl methacrylate	9.116	69	127316	55.78	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	131345	54.47	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	306274	248.10	ug/l	96
59) 2-Hexanone	9.433	43	477347	295.98	ug/l	90
60) Dibromochloromethane	9.524	129	73746	53.67	ug/l	99
61) 1,2-Dibromoethane	9.616	107	76488	54.40	ug/l	98
64) Tetrachloroethene	9.274	164	56652	49.46	ug/l #	88
65) Chlorobenzene	10.085	112	189571	52.20	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	68604	54.37	ug/l	97
67) Ethyl Benzene	10.195	91	353701	52.94	ug/l	99
68) m/p-Xylenes	10.305	106	263842	104.50	ug/l	99
69) o-Xylene	10.646	106	126974	51.71	ug/l	95
70) Styrene	10.658	104	222122	55.22	ug/l	98
71) Bromoform	10.805	173	46353	47.99	ug/l #	100
73) Isopropylbenzene	10.963	105	347533	51.70	ug/l	99
74) N-amyl acetate	10.847	43	183884	57.63	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	122788	55.11	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	107387m	54.81	ug/l	
77) Bromobenzene	11.201	156	74052	51.96	ug/l	86
78) n-propylbenzene	11.305	91	422465	53.66	ug/l	98
79) 2-Chlorotoluene	11.366	91	245404	51.39	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	294195	52.81	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	43208	52.25	ug/l	98
82) 4-Chlorotoluene	11.457	91	287641	52.28	ug/l	96
83) tert-Butylbenzene	11.719	119	277020	51.85	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	298971	53.31	ug/l	99
85) sec-Butylbenzene	11.896	105	364592	53.70	ug/l	97
86) p-Isopropyltoluene	12.012	119	304328	53.07	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	141411	51.46	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	144136	50.74	ug/l	97
89) n-Butylbenzene	12.335	91	293880	55.40	ug/l	98
90) Hexachloroethane	12.542	117	49184	51.89	ug/l	74
91) 1,2-Dichlorobenzene	12.335	146	137645	52.15	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	26998	56.63	ug/l	78
93) 1,2,4-Trichlorobenzene	13.591	180	86060	54.03	ug/l	98
94) Hexachlorobutadiene	13.725	225	29488	47.43	ug/l	99
95) Naphthalene	13.780	128	349211	56.22	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	87819	54.70	ug/l	96

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

