

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022381.D
 Acq On : 03 Jun 2021 21:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/4/2021 1:55:02 PM

Quant Time: Jun 04 03:55:14 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	5.562	168	77157	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	154023	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	67956	57.096	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.200%			
35) Dibromofluoromethane	5.391	113	51518	52.745	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.480%			
50) Toluene-d8	8.653	98	200264	53.226	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.460%			
62) 4-Bromofluorobenzene	11.085	95	76426	54.955	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	48099	51.278	ug/l	99
3) Chloromethane	1.295	50	57285	56.617	ug/l	99
4) Vinyl Chloride	1.374	62	58721	54.847	ug/l	98
5) Bromomethane	1.599	94	37101	59.439	ug/l	99
6) Chloroethane	1.679	64	35623	55.880	ug/l	97
7) Trichlorofluoromethane	1.880	101	81572	52.990	ug/l	94
8) Diethyl Ether	2.142	74	34898	52.714	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	48431	52.982	ug/l	92
10) Methyl Iodide	2.453	142	58799	59.855	ug/l	95
11) Tert butyl alcohol	2.977	59	79863	293.374	ug/l	100
12) 1,1-Dichloroethene	2.319	96	49500	55.977	ug/l	95
13) Acrolein	2.240	56	49731	275.445	ug/l	99
14) Allyl chloride	2.666	41	91114	56.099	ug/l	96
15) Acrylonitrile	3.075	53	165370	308.567	ug/l	99
16) Acetone	2.392	43	148779	287.081	ug/l	97
17) Carbon Disulfide	2.514	76	118281	51.069	ug/l	99
18) Methyl Acetate	2.709	43	82239	59.668	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	172173	56.836	ug/l	100
20) Methylene Chloride	2.794	84	62348	54.184	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	54888	57.064	ug/l	98
22) Diisopropyl ether	3.770	45	184094	58.849	ug/l	93
23) Vinyl Acetate	3.733	43	903732	300.046	ug/l	95
24) 1,1-Dichloroethane	3.617	63	104719	57.043	ug/l	98
25) 2-Butanone	4.568	43	258966	308.873	ug/l	93
26) 2,2-Dichloropropane	4.483	77	69583	42.699	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	65032	55.595	ug/l	98
28) Bromochloromethane	4.910	49	52354	58.786	ug/l	82
29) Tetrahydrofuran	5.019	42	152573	305.745	ug/l	90
30) Chloroform	5.111	83	106025	55.897	ug/l	96
31) Cyclohexane	5.477	56	84436	56.455	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	88226	54.433	ug/l	97
36) 1,1-Dichloropropene	5.702	75	78770	55.307	ug/l	98
37) Ethyl Acetate	4.727	43	101078	57.894	ug/l	94
38) Carbon Tetrachloride	5.684	117	72685	52.171	ug/l	100
39) Methylcyclohexane	7.385	83	83068	51.426	ug/l	96
40) Benzene	6.044	78	243437	55.552	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	52302	55.997	ug/l	94
42) 1,2-Dichloroethane	6.092	62	88565	57.688	ug/l	98
43) Isopropyl Acetate	6.349	43	166343	58.249	ug/l	94
44) Trichloroethene	7.129	130	57086	52.423	ug/l	93
45) 1,2-Dichloropropane	7.440	63	63908	57.169	ug/l	96
46) Dibromomethane	7.586	93	42166	55.599	ug/l #	86
47) Bromodichloromethane	7.830	83	80377	52.963	ug/l	96
48) Methyl methacrylate	7.696	41	77530	58.910	ug/l	89
49) 1,4-Dioxane	7.665	88	31187	1217.112	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	524437	306.579	ug/l	90
52) Toluene	8.726	92	151309	54.522	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	91030	51.964	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	99942	53.066	ug/l	95
55) 1,1,2-Trichloroethane	9.159	97	63608	56.460	ug/l	100
56) Ethyl methacrylate	9.122	69	105267	57.814	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	109773	57.070	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	252470	256.375	ug/l	96
59) 2-Hexanone	9.433	43	399450	310.479	ug/l	90
60) Dibromochloromethane	9.525	129	55882	50.985	ug/l	98
61) 1,2-Dibromoethane	9.616	107	63187	56.331	ug/l	99
64) Tetrachloroethene	9.275	164	47596	50.595	ug/l #	89
65) Chlorobenzene	10.080	112	157875	52.930	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	54896	52.966	ug/l	96
67) Ethyl Benzene	10.195	91	289155	52.698	ug/l	99
68) m/p-Xylenes	10.305	106	213101	102.763	ug/l	97
69) o-Xylene	10.647	106	106588	52.848	ug/l	100
70) Styrene	10.659	104	179325	54.275	ug/l	98
71) Bromoform	10.805	173	33736	42.686	ug/l #	97
73) Isopropylbenzene	10.964	105	274333	50.749	ug/l	100
74) N-amyl acetate	10.848	43	149410	58.231	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.214	83	99712	55.651	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	89596m	56.862	ug/l	
77) Bromobenzene	11.201	156	59017	51.491	ug/l	86
78) n-propylbenzene	11.305	91	331274	52.320	ug/l	97
79) 2-Chlorotoluene	11.366	91	197250	51.363	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	231894	51.759	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.025	75	30859	46.403	ug/l	95
82) 4-Chlorotoluene	11.457	91	226816	51.265	ug/l	97
83) tert-Butylbenzene	11.720	119	217871	50.705	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	238531	52.894	ug/l	99
85) sec-Butylbenzene	11.896	105	280561	51.382	ug/l	98
86) p-Isopropyltoluene	12.012	119	234920	50.939	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	113295	51.267	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	110334	48.302	ug/l	96
89) n-Butylbenzene	12.335	91	221519	51.927	ug/l	98
90) Hexachloroethane	12.543	117	34969	45.880	ug/l	76
91) 1,2-Dichlorobenzene	12.341	146	110005	51.824	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21022	54.830	ug/l	79
93) 1,2,4-Trichlorobenzene	13.591	180	63847	49.848	ug/l	97
94) Hexachlorobutadiene	13.731	225	22801	45.608	ug/l	99
95) Naphthalene	13.780	128	277624	55.579	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	66984	51.881	ug/l	96

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

