

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052921\
 Data File : VX022262.D
 Acq On : 28 May 2021 19:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/2/2021 2:28:06 PM

Quant Time: May 29 04:16:06 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	77800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	153484	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	140509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61918	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	64972	54.14	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.28%			
35) Dibromofluoromethane	5.397	113	50772	52.16	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.32%			
50) Toluene-d8	8.653	98	191294	51.02	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.04%			
62) 4-Bromofluorobenzene	11.085	95	72540	52.34	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.68%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	45288	47.88	ug/l	99
3) Chloromethane	1.294	50	48157	47.20	ug/l	100
4) Vinyl Chloride	1.374	62	52547	48.67	ug/l	97
5) Bromomethane	1.599	94	29556	46.96	ug/l	98
6) Chloroethane	1.679	64	33488	52.10	ug/l	99
7) Trichlorofluoromethane	1.880	101	79816	51.42	ug/l	95
8) Diethyl Ether	2.136	74	34053	51.01	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	47865	51.93	ug/l	92
10) Methyl Iodide	2.453	142	51935	52.43	ug/l	95
11) Tert butyl alcohol	2.983	59	76986	280.47	ug/l	99
12) 1,1-Dichloroethene	2.319	96	47027	52.74	ug/l	98
13) Acrolein	2.239	56	42272	232.20	ug/l	99
14) Allyl chloride	2.666	41	88837	54.24	ug/l	96
15) Acrylonitrile	3.069	53	160250	296.54	ug/l	99
16) Acetone	2.386	43	141832	271.41	ug/l	96
17) Carbon Disulfide	2.508	76	93405	40.00	ug/l	99
18) Methyl Acetate	2.709	43	84960	61.13	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	172590	56.50	ug/l	99
20) Methylene Chloride	2.794	84	58127	50.10	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	51445	53.04	ug/l	96
22) Diisopropyl ether	3.770	45	178898	56.72	ug/l	97
23) Vinyl Acetate	3.727	43	850888	280.17	ug/l	96
24) 1,1-Dichloroethane	3.617	63	101993	55.10	ug/l	99
25) 2-Butanone	4.568	43	247988	293.34	ug/l	95
26) 2,2-Dichloropropane	4.477	77	81475	49.58	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	65238	55.31	ug/l	99
28) Bromochloromethane	4.910	49	49298	54.90	ug/l #	82
29) Tetrahydrofuran	5.019	42	145256	288.68	ug/l	91
30) Chloroform	5.099	83	105598	55.21	ug/l	93
31) Cyclohexane	5.477	56	76812	50.93	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	89431	54.72	ug/l	98
36) 1,1-Dichloropropene	5.702	75	73692	51.92	ug/l	99
37) Ethyl Acetate	4.727	43	93503	53.74	ug/l	95
38) Carbon Tetrachloride	5.684	117	70903	51.07	ug/l	97
39) Methylcyclohexane	7.385	83	76947	47.80	ug/l	97
40) Benzene	6.044	78	232632	53.27	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	52632	56.55	ug/l	95
42) 1,2-Dichloroethane	6.092	62	82967	54.23	ug/l	99
43) Isopropyl Acetate	6.348	43	158253	55.61	ug/l	95
44) Trichloroethene	7.129	130	54855	50.55	ug/l	99
45) 1,2-Dichloropropane	7.440	63	62969	56.53	ug/l	100
46) Dibromomethane	7.586	93	40127	53.10	ug/l #	87
47) Bromodichloromethane	7.830	83	80269	53.08	ug/l	98
48) Methyl methacrylate	7.696	41	73734	56.22	ug/l	92
49) 1,4-Dioxane	7.665	88	28972	1134.64	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	496397	291.21	ug/l	92
52) Toluene	8.720	92	144626	52.30	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	90834	52.03	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	98110	52.28	ug/l	96
55) 1,1,2-Trichloroethane	9.159	97	60989	54.33	ug/l	97
56) Ethyl methacrylate	9.122	69	100678	55.49	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	105320	54.95	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	258986	263.92	ug/l	96
59) 2-Hexanone	9.433	43	375332	292.76	ug/l	91
60) Dibromochloromethane	9.525	129	55653	50.95	ug/l	100
61) 1,2-Dibromoethane	9.610	107	61743	55.24	ug/l	99
64) Tetrachloroethene	9.275	164	46330	50.22	ug/l	88
65) Chlorobenzene	10.086	112	150863	51.58	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	52378	51.53	ug/l	98
67) Ethyl Benzene	10.195	91	277230	51.52	ug/l	99
68) m/p-Xylenes	10.305	106	205510	101.06	ug/l	99
69) o-Xylene	10.646	106	102649	51.90	ug/l	100
70) Styrene	10.659	104	172969	53.38	ug/l	98
71) Bromoform	10.805	173	34859	44.90	ug/l #	99
73) Isopropylbenzene	10.963	105	270898	51.69	ug/l	100
74) N-amyl acetate	10.848	43	141007	56.69	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	96029	55.28	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	86108m	56.37	ug/l	
77) Bromobenzene	11.201	156	58117	52.30	ug/l	88
78) n-propylbenzene	11.305	91	321485	52.37	ug/l	98
79) 2-Chlorotoluene	11.366	91	189057	50.78	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	228322	52.57	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	31369	48.66	ug/l	96
82) 4-Chlorotoluene	11.457	91	219738	51.23	ug/l	96
83) tert-Butylbenzene	11.719	119	214559	51.51	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	230232	52.66	ug/l	98
85) sec-Butylbenzene	11.896	105	278588	52.63	ug/l	98
86) p-Isopropyltoluene	12.012	119	234107	52.36	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	110164	51.42	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	110308	49.81	ug/l	97
89) n-Butylbenzene	12.335	91	217615	52.62	ug/l	98
90) Hexachloroethane	12.542	117	35916	48.61	ug/l	75
91) 1,2-Dichlorobenzene	12.341	146	107454	52.22	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20701	55.69	ug/l	78
93) 1,2,4-Trichlorobenzene	13.591	180	64825	52.21	ug/l	98
94) Hexachlorobutadiene	13.731	225	22792	47.03	ug/l	96
95) Naphthalene	13.780	128	268372	55.42	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	65178	52.07	ug/l	97

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

