

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040121\
 Data File : VX021700.D
 Acq On : 01 Apr 2021 11:49
 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
 4/2/2021 12:55:33 PM

Quant Time: Apr 02 03:24:34 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	5.623	168	77242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	118104	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	112424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	57443	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	57034	44.38	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.76%		
35) Dibromofluoromethane	5.458	113	41649	49.65	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.30%		
50) Toluene-d8	8.694	98	148510	49.68	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.36%		
62) 4-Bromofluorobenzene	11.118	95	58403	50.25	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.50%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	38332	45.15	ug/l	99
3) Chloromethane	1.311	50	42499	43.55	ug/l	99
4) Vinyl Chloride	1.393	62	40379	46.50	ug/l	100
5) Bromomethane	1.622	94	18613	53.26	ug/l	99
6) Chloroethane	1.699	64	26091	47.37	ug/l	99
7) Trichlorofluoromethane	1.911	101	68424	48.45	ug/l	97
8) Diethyl Ether	2.170	74	22617	46.15	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.364	101	38659	48.62	ug/l	98
10) Methyl Iodide	2.487	142	32830	52.50	ug/l #	89
11) Tert butyl alcohol	3.017	59	43666	205.52	ug/l	97
12) 1,1-Dichloroethene	2.352	96	34236	43.98	ug/l	88
13) Acrolein	2.275	56	23310	218.06	ug/l	99
14) Allyl chloride	2.705	41	70216	44.44	ug/l #	89
15) Acrylonitrile	3.117	53	115651	229.04	ug/l	97
16) Acetone	2.422	43	99326	204.40	ug/l	89
17) Carbon Disulfide	2.546	76	82648	37.81	ug/l	99
18) Methyl Acetate	2.746	43	71545	50.96	ug/l #	88
19) Methyl tert-butyl Ether	3.164	73	136789	47.06	ug/l	99
20) Methylene Chloride	2.828	84	43097	45.45	ug/l #	86
21) trans-1,2-Dichloroethene	3.140	96	39019	45.63	ug/l	95
22) Diisopropyl ether	3.823	45	147027	47.90	ug/l #	94
23) Vinyl Acetate	3.781	43	591870	227.95	ug/l #	92
24) 1,1-Dichloroethane	3.664	63	78348	47.34	ug/l	97
25) 2-Butanone	4.629	43	161145	218.76	ug/l	90
26) 2,2-Dichloropropane	4.546	77	68047	47.46	ug/l	96
27) cis-1,2-Dichloroethene	4.558	96	45723	46.05	ug/l	91
28) Bromochloromethane	4.976	49	37165	44.86	ug/l	87
29) Tetrahydrofuran	5.088	42	107583	225.25	ug/l #	86
30) Chloroform	5.176	83	85438	48.91	ug/l	100
31) Cyclohexane	5.541	56	62675	44.35	ug/l	92
32) 1,1,1-Trichloroethane	5.458	97	73766	47.66	ug/l	95
36) 1,1-Dichloropropene	5.764	75	58172	50.27	ug/l	97
37) Ethyl Acetate	4.793	43	62679	46.84	ug/l #	92
38) Carbon Tetrachloride	5.746	117	65752	52.88	ug/l	95
39) Methylcyclohexane	7.435	83	63768	49.71	ug/l	93
40) Benzene	6.105	78	168053	51.14	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.993	41	37510	48.33	ug/l	89
42) 1,2-Dichloroethane	6.158	62	73937	51.90	ug/l	94
43) Isopropyl Acetate	6.405	43	106184	48.87	ug/l #	91
44) Trichloroethene	7.182	130	44725	51.58	ug/l	97
45) 1,2-Dichloropropane	7.482	63	46470	52.20	ug/l	98
46) Dibromomethane	7.635	93	33156	51.10	ug/l	96
47) Bromodichloromethane	7.870	83	70220	53.18	ug/l	94
48) Methyl methacrylate	7.741	41	57697	49.78	ug/l #	83
49) 1,4-Dioxane	7.711	88	20547	990.26	ug/l #	89
51) 4-Methyl-2-Pentanone	8.617	43	347582	260.10	ug/l	88
52) Toluene	8.765	92	107257	52.84	ug/l	97
53) t-1,3-Dichloropropene	9.017	75	69969	52.48	ug/l	97
54) cis-1,3-Dichloropropene	8.412	75	75071	52.91	ug/l #	86
55) 1,1,2-Trichloroethane	9.194	97	46151	53.87	ug/l	98
56) Ethyl methacrylate	9.159	69	65748	45.63	ug/l #	75
57) 1,3-Dichloropropane	9.347	76	77475	52.85	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	184752	255.19	ug/l	96
59) 2-Hexanone	9.470	43	261974	261.07	ug/l	85
60) Dibromochloromethane	9.565	129	54473	56.77	ug/l	100
61) 1,2-Dibromoethane	9.653	107	48124	52.29	ug/l	99
64) Tetrachloroethene	9.312	164	45199	60.02	ug/l	91
65) Chlorobenzene	10.118	112	116176	51.44	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.200	131	46910	54.21	ug/l	98
67) Ethyl Benzene	10.235	91	213168	51.78	ug/l	99
68) m/p-Xylenes	10.341	106	156806	106.92	ug/l	93
69) o-Xylene	10.682	106	74708	52.59	ug/l	95
70) Styrene	10.694	104	131398	53.79	ug/l	96
71) Bromoform	10.841	173	38048	54.10	ug/l #	100
73) Isopropylbenzene	11.000	105	208291	51.61	ug/l	100
74) N-amyl acetate	10.877	43	91590	46.90	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	67887	47.60	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	68096m	50.92	ug/l	
77) Bromobenzene	11.235	156	50077	50.05	ug/l	95
78) n-propylbenzene	11.341	91	246214	51.66	ug/l	98
79) 2-Chlorotoluene	11.400	91	146003	50.50	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	181859	52.74	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.059	75	21712	49.45	ug/l #	74
82) 4-Chlorotoluene	11.494	91	171582	49.98	ug/l	98
83) tert-Butylbenzene	11.753	119	169041	50.35	ug/l	92
84) 1,2,4-Trimethylbenzene	11.788	105	184554	53.09	ug/l	96
85) sec-Butylbenzene	11.930	105	205402	53.04	ug/l	99
86) p-Isopropyltoluene	12.047	119	188047	53.35	ug/l	97
87) 1,3-Dichlorobenzene	12.006	146	90707	50.35	ug/l	96
88) 1,4-Dichlorobenzene	12.083	146	94513	50.71	ug/l	99
89) n-Butylbenzene	12.371	91	171392	53.07	ug/l	96
90) Hexachloroethane	12.577	117	32250	50.69	ug/l	97
91) 1,2-Dichlorobenzene	12.377	146	90345	51.57	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.983	75	15979	44.68	ug/l	82
93) 1,2,4-Trichlorobenzene	13.630	180	59144	51.51	ug/l	97
94) Hexachlorobutadiene	13.765	225	26925	51.96	ug/l	97
95) Naphthalene	13.818	128	187722	50.13	ug/l	100
96) 1,2,3-Trichlorobenzene	14.000	180	59645	51.97	ug/l	98

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

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