

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
 Data File : VX021593.D
 Acq On : 29 Mar 2021 21:56
 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
 3/30/2021 7:33:11 PM

Quant Time: Mar 30 03:34:14 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	88372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	146917	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	136221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	65620	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	73177	49.77	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.54%
35) Dibromofluoromethane	5.464	113	52247	50.06	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.12%
50) Toluene-d8	8.694	98	187388	50.39	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.78%
62) 4-Bromofluorobenzene	11.118	95	72292	50.00	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.00%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.187	85	42923	44.19	ug/l	100
3) Chloromethane	1.311	50	48367	43.32	ug/l	99
4) Vinyl Chloride	1.393	62	45999	46.30	ug/l	99
5) Bromomethane	1.623	94	20934	52.35	ug/l	97
6) Chloroethane	1.699	64	29334	46.55	ug/l	99
7) Trichlorofluoromethane	1.911	101	77098	47.71	ug/l	97
8) Diethyl Ether	2.170	74	26273	46.85	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.358	101	43673	48.01	ug/l	95
10) Methyl Iodide	2.487	142	38238	53.33	ug/l #	89
11) Tert butyl alcohol	3.023	59	54550	224.41	ug/l	97
12) 1,1-Dichloroethene	2.352	96	40467	45.44	ug/l	90
13) Acrolein	2.276	56	18475	152.38	ug/l	97
14) Allyl chloride	2.705	41	81908	45.31	ug/l #	88
15) Acrylonitrile	3.117	53	137880	238.67	ug/l	98
16) Acetone	2.423	43	127344	229.05	ug/l	88
17) Carbon Disulfide	2.546	76	101382	40.54	ug/l	100
18) Methyl Acetate	2.746	43	83052	51.71	ug/l #	89
19) Methyl tert-butyl Ether	3.170	73	159753	48.03	ug/l	98
20) Methylene Chloride	2.835	84	50068	46.15	ug/l	88
21) trans-1,2-Dichloroethene	3.140	96	44483	45.47	ug/l	95
22) Diisopropyl ether	3.823	45	170208	48.46	ug/l	95
23) Vinyl Acetate	3.782	43	708283	238.43	ug/l #	93
24) 1,1-Dichloroethane	3.670	63	89753	47.40	ug/l	96
25) 2-Butanone	4.635	43	197892	234.81	ug/l	91
26) 2,2-Dichloropropane	4.547	77	67162	40.95	ug/l	97
27) cis-1,2-Dichloroethene	4.564	96	54723	48.17	ug/l	93
28) Bromochloromethane	4.976	49	47373	49.98	ug/l	85
29) Tetrahydrofuran	5.088	42	127282	232.94	ug/l	86
30) Chloroform	5.176	83	97562	48.82	ug/l	100
31) Cyclohexane	5.547	56	74809	46.27	ug/l	94
32) 1,1,1-Trichloroethane	5.458	97	86175	48.66	ug/l	96
36) 1,1-Dichloropropene	5.764	75	67412	46.83	ug/l	97
37) Ethyl Acetate	4.794	43	74786	44.93	ug/l #	93
38) Carbon Tetrachloride	5.753	117	75486	48.80	ug/l	97
39) Methylcyclohexane	7.441	83	74621	46.76	ug/l	97
40) Benzene	6.111	78	194216	47.51	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.000	41	45330	46.95	ug/l	88
42) 1,2-Dichloroethane	6.158	62	85378	48.17	ug/l	93
43) Isopropyl Acetate	6.411	43	128795	47.66	ug/l #	90
44) Trichloroethene	7.188	130	51071	47.34	ug/l	98
45) 1,2-Dichloropropane	7.488	63	53393	48.22	ug/l	97
46) Dibromomethane	7.635	93	38287	47.44	ug/l	94
47) Bromodichloromethane	7.876	83	79163	48.20	ug/l	99
48) Methyl methacrylate	7.741	41	69312	48.07	ug/l #	82
49) 1,4-Dioxane	7.712	88	24911	965.12	ug/l #	92
51) 4-Methyl-2-Pentanone	8.618	43	407365	245.05	ug/l	88
52) Toluene	8.765	92	123828	49.04	ug/l	100
53) t-1,3-Dichloropropene	9.024	75	80846	48.75	ug/l	100
54) cis-1,3-Dichloropropene	8.412	75	85245	48.30	ug/l #	84
55) 1,1,2-Trichloroethane	9.194	97	52190	48.97	ug/l	98
56) Ethyl methacrylate	9.159	69	79598	44.46	ug/l #	77
57) 1,3-Dichloropropane	9.353	76	89098	48.86	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	219760	244.01	ug/l	95
59) 2-Hexanone	9.471	43	302311	242.19	ug/l	85
60) Dibromochloromethane	9.565	129	60584	50.76	ug/l	99
61) 1,2-Dibromoethane	9.653	107	55804	48.75	ug/l	98
64) Tetrachloroethene	9.318	164	46176	50.60	ug/l	94
65) Chlorobenzene	10.118	112	133136	48.65	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.200	131	52801	50.35	ug/l	99
67) Ethyl Benzene	10.235	91	243464	48.81	ug/l	100
68) m/p-Xylenes	10.341	106	176118	99.11	ug/l	93
69) o-Xylene	10.683	106	86184	50.07	ug/l	96
70) Styrene	10.694	104	146697	49.56	ug/l	95
71) Bromoform	10.841	173	41047	48.17	ug/l #	97
73) Isopropylbenzene	11.000	105	237389	51.49	ug/l	99
74) N-amyl acetate	10.883	43	108573	48.67	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	79077	48.54	ug/l	98
76) 1,2,3-Trichloropropane	11.277	75	76656m	50.18	ug/l	
77) Bromobenzene	11.236	156	57498	50.31	ug/l	96
78) n-propylbenzene	11.342	91	273896	50.30	ug/l	98
79) 2-Chlorotoluene	11.406	91	165579	50.13	ug/l	99
80) 1,3,5-Trimethylbenzene	11.489	105	201113	51.06	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	23995	47.84	ug/l #	84
82) 4-Chlorotoluene	11.494	91	196543	50.12	ug/l	97
83) tert-Butylbenzene	11.753	119	193054	50.34	ug/l	92
84) 1,2,4-Trimethylbenzene	11.789	105	205581	51.77	ug/l	97
85) sec-Butylbenzene	11.930	105	229187	51.81	ug/l	98
86) p-Isopropyltoluene	12.047	119	213153	52.93	ug/l	97
87) 1,3-Dichlorobenzene	12.012	146	100385	48.77	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	102927	48.34	ug/l	98
89) n-Butylbenzene	12.371	91	186013	50.42	ug/l	97
90) Hexachloroethane	12.577	117	37046	50.98	ug/l	93
91) 1,2-Dichlorobenzene	12.371	146	99673	49.81	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.983	75	18912	46.22	ug/l	81
93) 1,2,4-Trichlorobenzene	13.630	180	65715	50.10	ug/l	98
94) Hexachlorobutadiene	13.765	225	27797	46.96	ug/l	96
95) Naphthalene	13.818	128	218209	51.01	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	65576	50.02	ug/l	97

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

