

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
 Data File : VX017058.D
 Acq On : 30 Jun 2020 20:12
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/1/2020 10:49:45 AM

Quant Time: Jul 01 09:21:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	243789	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	384867	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	373535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	198340	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	150563	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
35) Dibromofluoromethane	5.47	113	124613	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
50) Toluene-d8	8.70	98	450350	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.12	95	181074	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	126024	53.434	ug/l	98
3) Chloromethane	1.31	50	137916	48.309	ug/l	98
4) Vinyl Chloride	1.39	62	134633	50.829	ug/l	99
5) Bromomethane	1.62	94	77679	55.508	ug/l	97
6) Chloroethane	1.71	64	80305	51.334	ug/l	98
7) Trichlorofluoromethane	1.92	101	210044	53.618	ug/l	99
8) Diethyl Ether	2.17	74	73724	55.889	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	120830	51.463	ug/l	97
10) Methyl Iodide	2.49	142	146200	48.257	ug/l	98
11) Tert butyl alcohol	3.01	59	152403	265.813	ug/l	99
12) 1,1-Dichloroethene	2.36	96	125751	52.137	ug/l	98
13) Acrolein	2.27	56	82967	242.073	ug/l	100
14) Allyl chloride	2.71	41	221850	49.770	ug/l	99
15) Acrylonitrile	3.12	53	373399	270.912	ug/l	99
16) Acetone	2.42	43	303582	270.018	ug/l	99
17) Carbon Disulfide	2.55	76	358751	53.300	ug/l	100
18) Methyl Acetate	2.75	43	160802	54.788	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	440483	54.414	ug/l	99
20) Methylene Chloride	2.84	84	142562	55.372	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	140602	52.529	ug/l	99
22) Diisopropyl ether	3.82	45	434918	52.717	ug/l	96
23) Vinyl Acetate	3.79	43	1945097	274.370	ug/l	99
24) 1,1-Dichloroethane	3.67	63	248366	52.909	ug/l	99
25) 2-Butanone	4.64	43	506136	270.173	ug/l	99
26) 2,2-Dichloropropane	4.55	77	185911	44.604	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	152390	50.247	ug/l	99
28) Bromochloromethane	4.98	49	114336	50.053	ug/l	96
29) Tetrahydrofuran	5.09	42	334074	269.897	ug/l	99
30) Chloroform	5.18	83	250531	52.063	ug/l	97
31) Cyclohexane	5.55	56	208024	51.268	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	232298	52.417	ug/l	99
36) 1,1-Dichloropropene	5.77	75	186407	51.246	ug/l	99
37) Ethyl Acetate	4.79	43	199255	53.990	ug/l	99
38) Carbon Tetrachloride	5.76	117	213665	53.331	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	210858	52.101	ug/l	98
40) Benzene	6.11	78	551863	51.636	ug/l	100
41) Methacrylonitrile	5.01	41	110829	53.356	ug/l	99
42) 1,2-Dichloroethane	6.17	62	208489	54.007	ug/l	100
43) Isopropyl Acetate	6.42	43	327989	53.482	ug/l	99
44) Trichloroethene	7.19	130	160005	54.280	ug/l	94
45) 1,2-Dichloropropane	7.49	63	143971	52.449	ug/l	98
46) Dibromomethane	7.64	93	100846	53.811	ug/l	98
47) Bromodichloromethane	7.88	83	210486	54.500	ug/l	97
48) Methyl methacrylate	7.74	41	165374	56.759	ug/l	98
49) 1,4-Dioxane	7.71	88	65223	988.119	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	1023475	279.967	ug/l	99
52) Toluene	8.76	92	353944	53.044	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	224730	52.739	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	237440	51.980	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	144951	53.169	ug/l	98
56) Ethyl methacrylate	9.16	69	222360	57.304	ug/l	99
57) 1,3-Dichloropropane	9.35	76	240616	52.159	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	567240	293.722	ug/l	100
59) 2-Hexanone	9.48	43	773148	289.581	ug/l	99
60) Dibromochloromethane	9.57	129	176121	55.621	ug/l	99
61) 1,2-Dibromoethane	9.65	107	158033	53.928	ug/l	100
64) Tetrachloroethene	9.32	164	148478	49.252	ug/l	96
65) Chlorobenzene	10.12	112	389323	50.499	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	154620	52.040	ug/l	98
67) Ethyl Benzene	10.23	91	682029	52.973	ug/l	100
68) m/p-Xylenes	10.34	106	529278	107.064	ug/l	99
69) o-Xylene	10.68	106	250252	53.213	ug/l	97
70) Styrene	10.70	104	445628	55.645	ug/l	99
71) Bromoform	10.84	173	134116	56.923	ug/l #	99
73) Isopropylbenzene	11.00	105	676850	52.100	ug/l	100
74) N-amyl acetate	10.88	43	296405	53.470	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	210207	51.439	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	203708m	52.230	ug/l	
77) Bromobenzene	11.24	156	184260	51.606	ug/l	98
78) n-propylbenzene	11.34	91	754790	51.377	ug/l	100
79) 2-Chlorotoluene	11.40	91	457622	51.469	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	577580	53.598	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	75309	50.003	ug/l	97
82) 4-Chlorotoluene	11.49	91	549184	51.669	ug/l	99
83) tert-Butylbenzene	11.76	119	563205	53.241	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	588496	53.831	ug/l	100
85) sec-Butylbenzene	11.93	105	644977	51.870	ug/l	100
86) p-Isopropyltoluene	12.05	119	617967	53.385	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	319817	49.318	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	318895	52.154	ug/l	98
89) n-Butylbenzene	12.37	91	514462	49.774	ug/l	100
90) Hexachloroethane	12.58	117	117570	51.504	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	305063	50.327	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	49245	50.514	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	207244	50.091	ug/l	100
94) Hexachlorobutadiene	13.77	225	75035	47.824	ug/l	100
95) Naphthalene	13.82	128	686766	54.600	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	207254	51.762	ug/l	99

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

