

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011020\
 Data File : VX014550.D
 Acq On : 10 Jan 2020 20:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/13/2020 11:34:08 AM

Quant Time: Jan 11 00:28:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	457051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	696343	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	628660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	312899	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	260349	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
35) Dibromofluoromethane	5.49	113	212489	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	8.71	98	822559	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
62) 4-Bromofluorobenzene	11.13	95	291946	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	282077	49.712	ug/l	100
3) Chloromethane	1.32	50	299084	51.336	ug/l	100
4) Vinyl Chloride	1.40	62	343820	52.961	ug/l	97
5) Bromomethane	1.63	94	215919	50.175	ug/l	99
6) Chloroethane	1.72	64	191391	54.210	ug/l	99
7) Trichlorofluoromethane	1.92	101	362658	49.245	ug/l	99
8) Diethyl Ether	2.18	74	167583	49.879	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	218023	48.662	ug/l	98
10) Methyl Iodide	2.50	142	302153	56.321	ug/l	99
11) Tert butyl alcohol	3.03	59	281858	264.571	ug/l	98
12) 1,1-Dichloroethene	2.37	96	218413	48.385	ug/l	97
13) Acrolein	2.28	56	210606	246.641	ug/l	99
14) Allyl chloride	2.72	41	396610	50.044	ug/l	100
15) Acrylonitrile	3.13	53	679078	264.106	ug/l	99
16) Acetone	2.43	43	740909	290.287	ug/l	99
17) Carbon Disulfide	2.56	76	576528	45.773	ug/l	100
18) Methyl Acetate	2.76	43	427378	58.279	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	755759	52.154	ug/l	99
20) Methylene Chloride	2.85	84	259910	50.637	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	239584	48.616	ug/l	94
22) Diisopropyl ether	3.84	45	813893	53.141	ug/l	95
23) Vinyl Acetate	3.80	43	2264434	190.967	ug/l	99
24) 1,1-Dichloroethane	3.69	63	435800	52.306	ug/l	100
25) 2-Butanone	4.66	43	1019520	267.503	ug/l	99
26) 2,2-Dichloropropane	4.58	77	315223	44.662	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	275212	49.956	ug/l	99
28) Bromochloromethane	5.00	49	175962	50.121	ug/l	97
29) Tetrahydrofuran	5.11	42	610001	270.708	ug/l	100
30) Chloroform	5.20	83	426875	52.432	ug/l	98
31) Cyclohexane	5.58	56	397850	51.015	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	359242	51.549	ug/l	99
36) 1,1-Dichloropropene	5.79	75	318142	48.583	ug/l	99
37) Ethyl Acetate	4.82	43	367850	51.715	ug/l	99
38) Carbon Tetrachloride	5.78	117	302704	50.232	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	397538	48.320	ug/l	99
40) Benzene	6.14	78	992403	51.061	ug/l	100
41) Methacrylonitrile	5.03	41	204979	54.039	ug/l	98
42) 1,2-Dichloroethane	6.19	62	343716	50.580	ug/l	100
43) Isopropyl Acetate	6.43	43	603973	52.563	ug/l	100
44) Trichloroethene	7.21	130	283158	50.696	ug/l	97
45) 1,2-Dichloropropane	7.51	63	262719	53.020	ug/l	99
46) Dibromomethane	7.65	93	166131	48.036	ug/l	98
47) Bromodichloromethane	7.89	83	329058	52.289	ug/l	98
48) Methyl methacrylate	7.76	41	296783	53.928	ug/l	99
49) 1,4-Dioxane	7.73	88	119372	1023.682	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1905950	272.201	ug/l	99
52) Toluene	8.78	92	618636	49.723	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	359773	49.105	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	402300	50.831	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	255865	51.200	ug/l	99
56) Ethyl methacrylate	9.17	69	410255	53.585	ug/l	99
57) 1,3-Dichloropropane	9.37	76	430972	51.579	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	706961	271.399	ug/l	99
59) 2-Hexanone	9.48	43	1497326	270.261	ug/l	100
60) Dibromochloromethane	9.58	129	266572	53.071	ug/l	100
61) 1,2-Dibromoethane	9.67	107	267810	50.591	ug/l	100
64) Tetrachloroethene	9.33	164	389874	61.879	ug/l	98
65) Chlorobenzene	10.14	112	664243	48.688	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	246329	50.594	ug/l	98
67) Ethyl Benzene	10.25	91	1172076	50.404	ug/l	98
68) m/p-Xylenes	10.36	106	892526	99.489	ug/l	98
69) o-Xylene	10.70	106	437024	51.057	ug/l	100
70) Styrene	10.71	104	748249	50.654	ug/l	100
71) Bromoform	10.85	173	203436	51.070	ug/l	98
73) Isopropylbenzene	11.01	105	1142971	52.019	ug/l	99
74) N-amyl acetate	10.89	43	525601	54.220	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	356850	50.643	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	320683m	49.534	ug/l	
77) Bromobenzene	11.25	156	302969	49.721	ug/l	100
78) n-propylbenzene	11.35	91	1297682	51.570	ug/l	100
79) 2-Chlorotoluene	11.42	91	763273	50.894	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	954218	52.308	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	126562	51.685	ug/l	97
82) 4-Chlorotoluene	11.51	91	886579	50.362	ug/l	99
83) tert-Butylbenzene	11.76	119	812126	47.117	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	964033	52.299	ug/l	99
85) sec-Butylbenzene	11.94	105	1107591	51.690	ug/l	100
86) p-Isopropyltoluene	12.06	119	1012718	50.932	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	531980	48.647	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	529098	51.518	ug/l	99
89) n-Butylbenzene	12.39	91	880904	48.454	ug/l	100
90) Hexachloroethane	12.59	117	177786	50.903	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	532459	49.697	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	84610	53.381	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	364473	48.467	ug/l	100
94) Hexachlorobutadiene	13.78	225	171356	48.657	ug/l	99
95) Naphthalene	13.83	128	1127327	48.301	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	366127	49.610	ug/l	99

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

