

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016899.D
 Acq On : 19 Jun 2020 23:26
 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
 6/22/2020 12:23:37 PM

Quant Time: Jun 22 06:30:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	269048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	419624	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	400873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	211287	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	153819	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
35) Dibromofluoromethane	5.46	113	130018	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
50) Toluene-d8	8.70	98	522857	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
62) 4-Bromofluorobenzene	11.12	95	240895	58.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	178296	54.000	ug/l	98
3) Chloromethane	1.31	50	161462	48.227	ug/l	99
4) Vinyl Chloride	1.39	62	196055	51.958	ug/l	99
5) Bromomethane	1.62	94	112938	49.708	ug/l	99
6) Chloroethane	1.71	64	121824	52.421	ug/l	99
7) Trichlorofluoromethane	1.92	101	272413	51.606	ug/l	99
8) Diethyl Ether	2.17	74	106606	51.943	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	130404	46.379	ug/l	98
10) Methyl Iodide	2.49	142	118069	44.109	ug/l	98
11) Tert butyl alcohol	3.01	59	146617	268.032	ug/l	99
12) 1,1-Dichloroethene	2.36	96	136892	47.612	ug/l	98
13) Acrolein	2.27	56	143800	433.588	ug/l	99
14) Allyl chloride	2.71	41	199755	52.524	ug/l	98
15) Acrylonitrile	3.12	53	347259	277.025	ug/l	100
16) Acetone	2.42	43	269114	229.103	ug/l	99
17) Carbon Disulfide	2.55	76	354629	47.727	ug/l	99
18) Methyl Acetate	2.75	43	170368	57.037	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	440139	53.717	ug/l	99
20) Methylene Chloride	2.84	84	141390	50.194	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	137593	50.697	ug/l	99
22) Diisopropyl ether	3.82	45	476040	65.332	ug/l	96
23) Vinyl Acetate	3.78	43	1985497	330.455	ug/l	98
24) 1,1-Dichloroethane	3.67	63	242222	53.218	ug/l	99
25) 2-Butanone	4.63	43	538696	333.225	ug/l	96
26) 2,2-Dichloropropane	4.56	77	215489	50.534	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	185379	60.772	ug/l	100
28) Bromochloromethane	4.98	49	111522	59.035	ug/l	92
29) Tetrahydrofuran	5.09	42	340736	334.666	ug/l	96
30) Chloroform	5.18	83	259711	54.048	ug/l	97
31) Cyclohexane	5.55	56	213084	53.251	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	234779	51.623	ug/l	100
36) 1,1-Dichloropropene	5.77	75	188315	48.604	ug/l	98
37) Ethyl Acetate	4.79	43	217036	63.399	ug/l	99
38) Carbon Tetrachloride	5.76	117	205935	47.370	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	253982	56.377	ug/l	98
40) Benzene	6.12	78	565426	48.635	ug/l	100
41) Methacrylonitrile	5.00	41	117449	63.196	ug/l	97
42) 1,2-Dichloroethane	6.16	62	192838	46.613	ug/l	99
43) Isopropyl Acetate	6.41	43	301984	50.515	ug/l	100
44) Trichloroethene	7.19	130	191347	53.742	ug/l	97
45) 1,2-Dichloropropane	7.49	63	173121	59.236	ug/l	96
46) Dibromomethane	7.64	93	113825	57.430	ug/l	98
47) Bromodichloromethane	7.88	83	245862	58.326	ug/l	100
48) Methyl methacrylate	7.74	41	194363	69.044	ug/l	98
49) 1,4-Dioxane	7.71	88	79888	1267.759	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	969026	269.501	ug/l	100
52) Toluene	8.76	92	393084	50.968	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	229672	49.561	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	282973	57.078	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	148484	50.992	ug/l	96
56) Ethyl methacrylate	9.16	69	228931	54.308	ug/l	98
57) 1,3-Dichloropropane	9.35	76	246475	49.930	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	645728	329.207	ug/l	97
59) 2-Hexanone	9.47	43	692773	266.059	ug/l	99
60) Dibromochloromethane	9.57	129	176289	50.466	ug/l	100
61) 1,2-Dibromoethane	9.65	107	157374	49.801	ug/l	99
64) Tetrachloroethene	9.32	164	168462	45.381	ug/l	99
65) Chlorobenzene	10.12	112	410514	50.570	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	159795	50.792	ug/l	99
67) Ethyl Benzene	10.24	91	711279	51.932	ug/l	99
68) m/p-Xylenes	10.34	106	547109	102.653	ug/l	100
69) o-Xylene	10.68	106	262979	53.363	ug/l	98
70) Styrene	10.70	104	482955	57.677	ug/l	99
71) Bromoform	10.84	173	160303	60.605	ug/l	99
73) Isopropylbenzene	11.00	105	818492	60.166	ug/l	100
74) N-amyl acetate	10.88	43	347319	73.115	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	234180	60.964	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	228895m	59.318	ug/l	
77) Bromobenzene	11.24	156	220390	59.403	ug/l	99
78) n-propylbenzene	11.34	91	843784	55.577	ug/l	100
79) 2-Chlorotoluene	11.40	91	602116	64.820	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	699913	59.631	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	84348	53.528	ug/l	97
82) 4-Chlorotoluene	11.49	91	663725	59.559	ug/l	100
83) tert-Butylbenzene	11.76	119	652408	56.178	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	654240	54.111	ug/l	99
85) sec-Butylbenzene	11.93	105	687618	50.982	ug/l	99
86) p-Isopropyltoluene	12.05	119	624550	50.539	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	336685	49.672	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	330361	48.193	ug/l	100
89) n-Butylbenzene	12.37	91	508705	48.005	ug/l	99
90) Hexachloroethane	12.58	117	110895	49.817	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	317765	48.562	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	48535	53.288	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	224011	50.981	ug/l	99
94) Hexachlorobutadiene	13.77	225	81091	40.898	ug/l	97
95) Naphthalene	13.82	128	727980	56.432	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	221779	50.612	ug/l	99

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

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