

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062019\
 Data File : VX010351.D
 Acq On : 20 Jun 2019 10:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/21/2019 11:34:55 AM

Quant Time: Jun 21 01:33:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	303032	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	443380	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	402286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208950	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	139278	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
35) Dibromofluoromethane	5.49	113	138379	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
50) Toluene-d8	8.71	98	527574	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
62) 4-Bromofluorobenzene	11.13	95	192974	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	113289	53.774	ug/l	99
3) Chloromethane	1.32	50	125491	51.154	ug/l	99
4) Vinyl Chloride	1.40	62	138639	51.596	ug/l	98
5) Bromomethane	1.64	94	68245	52.133	ug/l	100
6) Chloroethane	1.71	64	82508	52.047	ug/l	100
7) Trichlorofluoromethane	1.93	101	229520	53.884	ug/l	98
8) Diethyl Ether	2.18	74	81971	53.663	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	136374	52.832	ug/l	98
10) Methyl Iodide	2.51	142	190872	51.813	ug/l	100
11) Tert butyl alcohol	3.04	59	184453	248.102	ug/l	100
12) 1,1-Dichloroethene	2.37	96	128509	48.926	ug/l	91
13) Acrolein	2.29	56	113746	230.633	ug/l	100
14) Allyl chloride	2.73	41	204748	54.906	ug/l	99
15) Acrylonitrile	3.14	53	389241	264.437	ug/l	99
16) Acetone	2.44	43	387658	272.244	ug/l	98
17) Carbon Disulfide	2.57	76	372736	52.894	ug/l	100
18) Methyl Acetate	2.77	43	148434	52.303	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	443774	53.706	ug/l	99
20) Methylene Chloride	2.85	84	156187	53.299	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	152555	54.003	ug/l	95
22) Diisopropyl ether	3.85	45	415467	53.288	ug/l	89
23) Vinyl Acetate	3.81	43	1861979	276.447	ug/l	99
24) 1,1-Dichloroethane	3.70	63	242755	53.865	ug/l	99
25) 2-Butanone	4.67	43	561825	268.979	ug/l	99
26) 2,2-Dichloropropane	4.57	77	218774	55.882	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	174879	53.571	ug/l	99
28) Bromochloromethane	5.01	49	110009	51.055	ug/l	98
29) Tetrahydrofuran	5.12	42	341440	263.910	ug/l	99
30) Chloroform	5.21	83	255455	52.682	ug/l	98
31) Cyclohexane	5.57	56	225765	55.011	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	231631	54.099	ug/l	100
36) 1,1-Dichloropropene	5.79	75	191731	54.417	ug/l	99
37) Ethyl Acetate	4.82	43	199125	54.936	ug/l	100
38) Carbon Tetrachloride	5.78	117	212769	55.767	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	264746	57.164	ug/l	97
40) Benzene	6.14	78	601585	54.805	ug/l	100
41) Methacrylonitrile	5.04	41	110363	55.492	ug/l	98
42) 1,2-Dichloroethane	6.19	62	186955	55.952	ug/l	100
43) Isopropyl Acetate	6.44	43	334356	55.754	ug/l	99
44) Trichloroethene	7.21	130	180972	55.098	ug/l	99
45) 1,2-Dichloropropane	7.51	63	150996	54.472	ug/l	99
46) Dibromomethane	7.66	93	110264	55.442	ug/l	99
47) Bromodichloromethane	7.90	83	206063	56.537	ug/l	99
48) Methyl methacrylate	7.76	41	156442	56.123	ug/l	99
49) 1,4-Dioxane	7.73	88	86135	1072.668	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1047766	273.181	ug/l	100
52) Toluene	8.78	92	398080	55.070	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	232178	56.819	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	253697	57.131	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	165625	55.555	ug/l	98
56) Ethyl methacrylate	9.18	69	253820	56.202	ug/l	99
57) 1,3-Dichloropropane	9.37	76	252921	54.652	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	604733	281.944	ug/l	99
59) 2-Hexanone	9.49	43	846248	280.343	ug/l	100
60) Dibromochloromethane	9.58	129	192275	57.602	ug/l	99
61) 1,2-Dibromoethane	9.67	107	179157	55.675	ug/l	100
64) Tetrachloroethene	9.34	164	175038	53.795	ug/l	97
65) Chlorobenzene	10.13	112	449965	55.094	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	170684	57.375	ug/l	99
67) Ethyl Benzene	10.25	91	776323	56.304	ug/l	99
68) m/p-Xylenes	10.35	106	606396	113.504	ug/l	100
69) o-Xylene	10.69	106	293533	55.870	ug/l	99
70) Styrene	10.71	104	506973	57.539	ug/l	99
71) Bromoform	10.85	173	156937	60.662	ug/l #	100
73) Isopropylbenzene	11.02	105	788136	55.643	ug/l	99
74) N-amyl acetate	10.90	43	306222	57.206	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	255722	54.515	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	215242m	56.529	ug/l	
77) Bromobenzene	11.25	156	215439	54.472	ug/l	99
78) n-propylbenzene	11.36	91	887321	57.000	ug/l	100
79) 2-Chlorotoluene	11.42	91	514895	55.545	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	664317	56.893	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	92873	56.903	ug/l	99
82) 4-Chlorotoluene	11.51	91	595841	56.488	ug/l	99
83) tert-Butylbenzene	11.77	119	660532	56.361	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	671306	57.223	ug/l	99
85) sec-Butylbenzene	11.94	105	786214	57.135	ug/l	100
86) p-Isopropyltoluene	12.06	119	732512	57.551	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	383506	55.550	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	387053	55.070	ug/l	99
89) n-Butylbenzene	12.38	91	635485	58.756	ug/l	100
90) Hexachloroethane	12.60	117	133293	60.564	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	373251	54.398	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54375	53.764	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	272997	57.372	ug/l	99
94) Hexachlorobutadiene	13.78	225	134080	57.655	ug/l	99
95) Naphthalene	13.83	128	819366	56.034	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	266543	56.339	ug/l	100

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

