

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO090920\
 Data File : VX018332.D
 Acq On : 09 Sep 2020 19:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/10/2020 4:03:24 PM

Quant Time: Sep 10 07:58:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	425325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	673071	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	637047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	353373	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	291226	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
35) Dibromofluoromethane	5.46	113	223729	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
50) Toluene-d8	8.70	98	796414	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	
62) 4-Bromofluorobenzene	11.12	95	324782	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	240192	46.383	ug/l	99
3) Chloromethane	1.31	50	213916	39.182	ug/l	98
4) Vinyl Chloride	1.39	62	236110	43.445	ug/l	100
5) Bromomethane	1.63	94	119828	45.712	ug/l	100
6) Chloroethane	1.71	64	140125	48.005	ug/l	98
7) Trichlorofluoromethane	1.92	101	391580	52.841	ug/l	99
8) Diethyl Ether	2.17	74	124346	49.478	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	201619	50.325	ug/l	97
10) Methyl Iodide	2.49	142	122093	30.759	ug/l	96
11) Tert butyl alcohol	3.01	59	257689	224.455	ug/l	99
12) 1,1-Dichloroethene	2.36	96	197835	47.597	ug/l	98
13) Acrolein	2.28	56	170163	357.456	ug/l	98
14) Allyl chloride	2.71	41	355177	47.562	ug/l	96
15) Acrylonitrile	3.12	53	619572	237.907	ug/l	99
16) Acetone	2.42	43	545222	236.971	ug/l	95
17) Carbon Disulfide	2.55	76	524513	41.744	ug/l	98
18) Methyl Acetate	2.75	43	307826	55.443	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	724479	50.824	ug/l	100
20) Methylene Chloride	2.84	84	227551	48.331	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	214248	46.525	ug/l	94
22) Diisopropyl ether	3.82	45	723328	49.076	ug/l	90
23) Vinyl Acetate	3.79	43	3231808	246.425	ug/l	99
24) 1,1-Dichloroethane	3.67	63	409675	48.829	ug/l	98
25) 2-Butanone	4.64	43	864867	228.724	ug/l	99
26) 2,2-Dichloropropane	4.55	77	330688	48.442	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	248997	46.929	ug/l	99
28) Bromochloromethane	4.98	49	190608	47.066	ug/l	97
29) Tetrahydrofuran	5.09	42	556306	231.112	ug/l	99
30) Chloroform	5.18	83	438088	50.428	ug/l	99
31) Cyclohexane	5.55	56	323941	45.836	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	401388	50.347	ug/l	99
36) 1,1-Dichloropropene	5.78	75	301397	48.549	ug/l	99
37) Ethyl Acetate	4.79	43	336699	46.697	ug/l	99
38) Carbon Tetrachloride	5.76	117	377686	53.985	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	324545	47.809	ug/l	97
40) Benzene	6.12	78	864752	47.405	ug/l	98
41) Methacrylonitrile	5.00	41	182922	46.204	ug/l	96
42) 1,2-Dichloroethane	6.17	62	368108	52.669	ug/l	98
43) Isopropyl Acetate	6.42	43	553730	47.547	ug/l	99
44) Trichloroethene	7.19	130	253820	49.244	ug/l	96
45) 1,2-Dichloropropane	7.49	63	237577	48.323	ug/l	98
46) Dibromomethane	7.64	93	169376	48.991	ug/l	99
47) Bromodichloromethane	7.88	83	360450	52.215	ug/l	97
48) Methyl methacrylate	7.75	41	276720	47.731	ug/l	99
49) 1,4-Dioxane	7.71	88	88942	846.941	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1743383	242.345	ug/l	100
52) Toluene	8.77	92	568329	49.134	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	382554	50.001	ug/l	95
54) cis-1,3-Dichloropropene	8.41	75	400813	49.454	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	242255	49.107	ug/l	97
56) Ethyl methacrylate	9.16	69	360394	49.142	ug/l	99
57) 1,3-Dichloropropane	9.35	76	396985	48.790	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	861010	260.985	ug/l	98
59) 2-Hexanone	9.48	43	1352970	247.341	ug/l	99
60) Dibromochloromethane	9.57	129	295563	51.072	ug/l	100
61) 1,2-Dibromoethane	9.65	107	266965	49.846	ug/l	95
64) Tetrachloroethene	9.32	164	223083	47.653	ug/l	93
65) Chlorobenzene	10.12	112	630243	49.535	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	259037	51.656	ug/l	99
67) Ethyl Benzene	10.24	91	1105659	51.100	ug/l	100
68) m/p-Xylenes	10.34	106	825222	102.183	ug/l	97
69) o-Xylene	10.68	106	391926	50.062	ug/l	96
70) Styrene	10.70	104	708462	53.139	ug/l	99
71) Bromoform	10.84	173	229954	53.761	ug/l #	100
73) Isopropylbenzene	11.00	105	1112400	47.724	ug/l	100
74) N-amyl acetate	10.88	43	498123	45.041	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	377551	45.917	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	350919m	44.641	ug/l	
77) Bromobenzene	11.24	156	295083	45.799	ug/l	97
78) n-propylbenzene	11.34	91	1263508	47.741	ug/l	98
79) 2-Chlorotoluene	11.40	91	761276	46.557	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	969391	50.610	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	130083	44.694	ug/l	99
82) 4-Chlorotoluene	11.49	91	930993	47.894	ug/l	99
83) tert-Butylbenzene	11.76	119	941587	49.813	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	976720	49.876	ug/l	100
85) sec-Butylbenzene	11.93	105	1073504	49.940	ug/l	99
86) p-Isopropyltoluene	12.05	119	1026798	52.002	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	532393	47.064	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	540623	47.731	ug/l	98
89) n-Butylbenzene	12.37	91	891989	49.494	ug/l	99
90) Hexachloroethane	12.58	117	202785	52.199	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	514906	48.355	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	95401	46.402	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	344636	48.536	ug/l	100
94) Hexachlorobutadiene	13.77	225	151015	53.920	ug/l	96
95) Naphthalene	13.82	128	1114992	47.714	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	340742	48.565	ug/l	98

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

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