

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091520\
 Data File : VX018401.D
 Acq On : 15 Sep 2020 12:41
 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
 9/16/2020 11:45:05 AM

Quant Time: Sep 16 03:50:19 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	5.63	168	415558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	630492	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	618040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	332209	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	300910	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
35) Dibromofluoromethane	5.46	113	233960	54.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.98%	
50) Toluene-d8	8.70	98	794390	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
62) 4-Bromofluorobenzene	11.12	95	337123	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	223989	44.271	ug/l	99
3) Chloromethane	1.31	50	217433	40.762	ug/l	98
4) Vinyl Chloride	1.39	62	224903	42.355	ug/l	99
5) Bromomethane	1.62	94	148707	58.063	ug/l	98
6) Chloroethane	1.71	64	135355	47.461	ug/l	97
7) Trichlorofluoromethane	1.92	101	396110	54.708	ug/l	100
8) Diethyl Ether	2.17	74	122423	49.858	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	197623	50.487	ug/l	96
10) Methyl Iodide	2.49	142	218103	51.859	ug/l	96
11) Tert butyl alcohol	3.01	59	252629	225.219	ug/l	98
12) 1,1-Dichloroethene	2.36	96	186510	45.927	ug/l	98
13) Acrolein	2.27	56	108513	233.308	ug/l	97
14) Allyl chloride	2.71	41	351818	48.220	ug/l	96
15) Acrylonitrile	3.11	53	582456	228.912	ug/l	99
16) Acetone	2.42	43	533952	237.528	ug/l	98
17) Carbon Disulfide	2.55	76	497837	40.552	ug/l	99
18) Methyl Acetate	2.75	43	307392	56.666	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	718547	51.593	ug/l	99
20) Methylene Chloride	2.83	84	222911	48.461	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	209248	46.507	ug/l	99
22) Diisopropyl ether	3.82	45	721813	50.125	ug/l	98
23) Vinyl Acetate	3.78	43	3081002	240.447	ug/l	99
24) 1,1-Dichloroethane	3.67	63	400247	48.826	ug/l	97
25) 2-Butanone	4.63	43	825968	223.571	ug/l	99
26) 2,2-Dichloropropane	4.55	77	377526	56.603	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	245167	47.293	ug/l	99
28) Bromochloromethane	4.98	49	191640	48.433	ug/l	99
29) Tetrahydrofuran	5.09	42	515018	218.988	ug/l	98
30) Chloroform	5.17	83	432927	51.005	ug/l	97
31) Cyclohexane	5.55	56	311669	45.136	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	401559	51.552	ug/l	99
36) 1,1-Dichloropropene	5.77	75	304216	52.313	ug/l	100
37) Ethyl Acetate	4.79	43	317965	47.077	ug/l	99
38) Carbon Tetrachloride	5.75	117	369852	56.435	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	321359	50.537	ug/l	96
40) Benzene	6.11	78	854546	50.010	ug/l	98
41) Methacrylonitrile	5.00	41	177766	47.935	ug/l	98
42) 1,2-Dichloroethane	6.16	62	361784	55.260	ug/l	97
43) Isopropyl Acetate	6.41	43	531672	48.736	ug/l	100
44) Trichloroethene	7.18	130	245729	50.894	ug/l	97
45) 1,2-Dichloropropane	7.49	63	235599	51.157	ug/l	96
46) Dibromomethane	7.63	93	162591	50.204	ug/l	99
47) Bromodichloromethane	7.87	83	352199	54.465	ug/l	97
48) Methyl methacrylate	7.74	41	268716	49.481	ug/l	97
49) 1,4-Dioxane	7.71	88	101101	1027.740	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1660267	246.378	ug/l	99
52) Toluene	8.76	92	554778	51.201	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	388638	54.227	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	394743	51.994	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	237427	51.378	ug/l	98
56) Ethyl methacrylate	9.16	69	350052	50.955	ug/l	98
57) 1,3-Dichloropropane	9.35	76	394095	51.705	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	847070	274.100	ug/l	99
59) 2-Hexanone	9.47	43	1273305	248.497	ug/l	100
60) Dibromochloromethane	9.57	129	301657	55.646	ug/l	99
61) 1,2-Dibromoethane	9.65	107	255497	50.926	ug/l	99
64) Tetrachloroethene	9.32	164	237007	52.184	ug/l	93
65) Chlorobenzene	10.12	112	622627	50.441	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	258445	53.123	ug/l	98
67) Ethyl Benzene	10.23	91	1103675	52.577	ug/l	98
68) m/p-Xylenes	10.34	106	836912	106.817	ug/l	95
69) o-Xylene	10.68	106	399047	52.539	ug/l	98
70) Styrene	10.70	104	705408	54.537	ug/l	98
71) Bromoform	10.84	173	227393	54.798	ug/l	98
73) Isopropylbenzene	11.00	105	1126736	51.419	ug/l	99
74) N-amyl acetate	10.88	43	483356	46.490	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	349566	45.221	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	347389m	47.007	ug/l	
77) Bromobenzene	11.24	156	299762	49.489	ug/l	99
78) n-propylbenzene	11.34	91	1315340	52.865	ug/l	99
79) 2-Chlorotoluene	11.40	91	783661	50.980	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	975126	54.153	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	129689	47.397	ug/l	95
82) 4-Chlorotoluene	11.49	91	945644	51.747	ug/l	100
83) tert-Butylbenzene	11.76	119	943453	53.091	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	986165	53.566	ug/l	99
85) sec-Butylbenzene	11.93	105	1117078	55.277	ug/l	99
86) p-Isopropyltoluene	12.05	119	1054545	56.809	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	542183	50.983	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	538993	50.619	ug/l	98
89) n-Butylbenzene	12.37	91	934227	55.140	ug/l	100
90) Hexachloroethane	12.58	117	202162	55.354	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	497450	49.692	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	88193	45.629	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	353459	52.950	ug/l	98
94) Hexachlorobutadiene	13.76	225	154784	58.786	ug/l	98
95) Naphthalene	13.82	128	1093180	49.760	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	354723	53.779	ug/l	98

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

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