

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110920\
 Data File : VX019373.D
 Acq On : 09 Nov 2020 17:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/10/2020 8:57:25 AM

Quant Time: Nov 10 03:02:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	240694	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	413180	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	380896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	198860	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	163797	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	
35) Dibromofluoromethane	5.46	113	128345	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	8.70	98	489281	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
62) 4-Bromofluorobenzene	11.12	95	190826	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	99450	49.562	ug/l	99
3) Chloromethane	1.31	50	115812	51.661	ug/l	100
4) Vinyl Chloride	1.39	62	139820	53.781	ug/l	99
5) Bromomethane	1.63	94	81814	46.080	ug/l	98
6) Chloroethane	1.71	64	93701	56.449	ug/l	95
7) Trichlorofluoromethane	1.92	101	214983	52.636	ug/l	95
8) Diethyl Ether	2.17	74	88558	56.495	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	120802	53.361	ug/l	98
10) Methyl Iodide	2.49	142	98580	38.564	ug/l	100
11) Tert butyl alcohol	3.01	59	166985	272.365	ug/l	100
12) 1,1-Dichloroethene	2.36	96	119692	51.307	ug/l	97
13) Acrolein	2.27	56	70651	257.567	ug/l	98
14) Allyl chloride	2.71	41	201101	56.913	ug/l	97
15) Acrylonitrile	3.11	53	371089	288.039	ug/l	100
16) Acetone	2.42	43	330650	308.775	ug/l	99
17) Carbon Disulfide	2.55	76	308307	46.419	ug/l	99
18) Methyl Acetate	2.75	43	159125	61.108	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	455542	56.358	ug/l	99
20) Methylene Chloride	2.84	84	142953	53.174	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	137324	51.147	ug/l	95
22) Diisopropyl ether	3.82	45	423504	60.120	ug/l	99
23) Vinyl Acetate	3.78	43	1849882	294.481	ug/l	98
24) 1,1-Dichloroethane	3.67	63	251915	57.276	ug/l	99
25) 2-Butanone	4.63	43	500141	296.353	ug/l	96
26) 2,2-Dichloropropane	4.55	77	218332	52.804	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	160346	53.445	ug/l	96
28) Bromochloromethane	4.98	49	111756	55.893	ug/l	91
29) Tetrahydrofuran	5.09	42	316562	297.647	ug/l	97
30) Chloroform	5.18	83	262804	56.136	ug/l	99
31) Cyclohexane	5.55	56	211633	53.936	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	233888	55.105	ug/l	99
36) 1,1-Dichloropropene	5.77	75	194499	50.977	ug/l	98
37) Ethyl Acetate	4.79	43	193794	54.705	ug/l	98
38) Carbon Tetrachloride	5.76	117	197282	50.728	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	226997	49.757	ug/l	97
40) Benzene	6.11	78	575443	53.193	ug/l	99
41) Methacrylonitrile	5.00	41	105715	55.413	ug/l	98
42) 1,2-Dichloroethane	6.16	62	213987	53.673	ug/l	100
43) Isopropyl Acetate	6.41	43	325120	54.811	ug/l	98
44) Trichloroethene	7.19	130	151000	48.739	ug/l	96
45) 1,2-Dichloropropane	7.49	63	148296	55.968	ug/l	99
46) Dibromomethane	7.63	93	100873	51.483	ug/l	98
47) Bromodichloromethane	7.88	83	205944	53.326	ug/l	99
48) Methyl methacrylate	7.74	41	160432	56.194	ug/l	97
49) 1,4-Dioxane	7.72	88	66911	1053.860	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	981335	287.847	ug/l	99
52) Toluene	8.76	92	367206	52.703	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	230655	52.290	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	249862	53.867	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	147628	53.626	ug/l	98
56) Ethyl methacrylate	9.16	69	232396	55.889	ug/l	98
57) 1,3-Dichloropropane	9.35	76	252452	54.392	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	609921	262.277	ug/l	96
59) 2-Hexanone	9.47	43	749120	288.663	ug/l	98
60) Dibromochloromethane	9.57	129	157234	52.629	ug/l	99
61) 1,2-Dibromoethane	9.65	107	153711	52.215	ug/l	100
64) Tetrachloroethene	9.32	164	134869	46.474	ug/l	99
65) Chlorobenzene	10.12	112	384968	49.449	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	143555	51.221	ug/l	99
67) Ethyl Benzene	10.24	91	707830	51.024	ug/l	99
68) m/p-Xylenes	10.34	106	529964	101.787	ug/l	97
69) o-Xylene	10.68	106	254835	51.603	ug/l	99
70) Styrene	10.70	104	436342	51.785	ug/l	99
71) Bromoform	10.84	173	112291	50.533	ug/l #	99
73) Isopropylbenzene	11.00	105	685056	48.667	ug/l	99
74) N-amyl acetate	10.88	43	281161	54.629	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	234128	53.220	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	212806m	51.828	ug/l	
77) Bromobenzene	11.24	156	165050	47.244	ug/l	92
78) n-propylbenzene	11.34	91	803715	50.018	ug/l	99
79) 2-Chlorotoluene	11.40	91	470430	49.727	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	585881	49.268	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	75535	48.437	ug/l	97
82) 4-Chlorotoluene	11.49	91	569434	49.292	ug/l	98
83) tert-Butylbenzene	11.76	119	565731	49.686	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	597102	49.737	ug/l	98
85) sec-Butylbenzene	11.93	105	680720	49.847	ug/l	99
86) p-Isopropyltoluene	12.05	119	624684	49.560	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	313507	48.188	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	316627	46.753	ug/l	99
89) n-Butylbenzene	12.37	91	583294	49.232	ug/l	98
90) Hexachloroethane	12.58	117	107212	50.041	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	314282	50.308	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	52805	49.033	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	204200	43.517	ug/l	98
94) Hexachlorobutadiene	13.76	225	85016	41.157	ug/l	98
95) Naphthalene	13.82	128	697215	47.176	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	194572	42.742	ug/l	96

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

