

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102020\
 Data File : VX018996.D
 Acq On : 21 Oct 2020 00:09
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/21/2020 1:04:45 PM

Quant Time: Oct 21 04:21:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102020W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 20 19:16:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	159699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	294991	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	299223	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	185506	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	107185	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
35) Dibromofluoromethane	5.46	113	89104	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
50) Toluene-d8	8.70	98	358055	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
62) 4-Bromofluorobenzene	11.12	95	146271	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	70808	53.367	ug/l	99
3) Chloromethane	1.31	50	77927	50.584	ug/l	96
4) Vinyl Chloride	1.39	62	111198	53.226	ug/l	100
5) Bromomethane	1.62	94	94108	56.860	ug/l	98
6) Chloroethane	1.70	64	81894	52.485	ug/l	100
7) Trichlorofluoromethane	1.91	101	194301	53.624	ug/l	99
8) Diethyl Ether	2.17	74	76208	52.371	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	72239	49.563	ug/l	99
10) Methyl Iodide	2.49	142	86898	49.827	ug/l	99
11) Tert butyl alcohol	3.01	59	121210	251.760	ug/l	99
12) 1,1-Dichloroethene	2.35	96	76986	44.550	ug/l	96
13) Acrolein	2.27	56	64103	253.998	ug/l	99
14) Allyl chloride	2.70	41	104560	50.032	ug/l	100
15) Acrylonitrile	3.11	53	217439	260.191	ug/l	99
16) Acetone	2.42	43	183943	251.648	ug/l	99
17) Carbon Disulfide	2.54	76	218029	48.328	ug/l	99
18) Methyl Acetate	2.75	43	93435	52.753	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	267726	51.055	ug/l	100
20) Methylene Chloride	2.83	84	93246	49.368	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	94060	49.853	ug/l	94
22) Diisopropyl ether	3.82	45	224592	52.270	ug/l	98
23) Vinyl Acetate	3.78	43	1080859	266.716	ug/l	100
24) 1,1-Dichloroethane	3.67	63	157147	51.224	ug/l	99
25) 2-Butanone	4.64	43	314787	266.594	ug/l	99
26) 2,2-Dichloropropane	4.54	77	124406	42.280	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	112094	50.839	ug/l	98
28) Bromochloromethane	4.98	49	67847	51.283	ug/l	99
29) Tetrahydrofuran	5.09	42	180268	258.997	ug/l	100
30) Chloroform	5.17	83	178336	52.132	ug/l	96
31) Cyclohexane	5.54	56	124756	50.837	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	159145	51.754	ug/l	100
36) 1,1-Dichloropropene	5.77	75	133809	48.538	ug/l	100
37) Ethyl Acetate	4.79	43	121526	50.990	ug/l	99
38) Carbon Tetrachloride	5.75	117	134125	48.345	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	145434	48.827	ug/l	99
40) Benzene	6.11	78	408279	50.913	ug/l	99
41) Methacrylonitrile	5.00	41	63423	49.779	ug/l	97
42) 1,2-Dichloroethane	6.16	62	141366	51.396	ug/l	99
43) Isopropyl Acetate	6.41	43	205354	51.135	ug/l	99
44) Trichloroethene	7.18	130	108142	48.701	ug/l	100
45) 1,2-Dichloropropane	7.49	63	98464	50.439	ug/l	98
46) Dibromomethane	7.63	93	73488	50.158	ug/l	100
47) Bromodichloromethane	7.87	83	148457	51.073	ug/l	95
48) Methyl methacrylate	7.74	41	97414	49.131	ug/l	98
49) 1,4-Dioxane	7.71	88	53646	1020.641	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	645328	260.244	ug/l	100
52) Toluene	8.76	92	276855	51.609	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	166985	50.281	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	169539	49.123	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	112458	51.537	ug/l	99
56) Ethyl methacrylate	9.16	69	168944	52.521	ug/l	99
57) 1,3-Dichloropropane	9.35	76	183080	52.015	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	423424	255.538	ug/l	99
59) 2-Hexanone	9.47	43	502492	260.948	ug/l	100
60) Dibromochloromethane	9.57	129	123438	51.224	ug/l	100
61) 1,2-Dibromoethane	9.65	107	122342	52.266	ug/l	98
64) Tetrachloroethene	9.32	164	94558	44.849	ug/l	95
65) Chlorobenzene	10.12	112	304796	48.323	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	111307	49.515	ug/l	99
67) Ethyl Benzene	10.23	91	542942	49.675	ug/l	98
68) m/p-Xylenes	10.34	106	429186	99.610	ug/l	99
69) o-Xylene	10.68	106	206679	50.082	ug/l	99
70) Styrene	10.70	104	368919	52.114	ug/l	100
71) Bromoform	10.84	173	97561	44.471	ug/l #	97
73) Isopropylbenzene	11.00	105	559612	44.724	ug/l	99
74) N-amyl acetate	10.88	43	184852	43.234	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	190771	45.282	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	166854m	43.763	ug/l	
77) Bromobenzene	11.24	156	137114	44.077	ug/l	98
78) n-propylbenzene	11.34	91	642364	44.655	ug/l	98
79) 2-Chlorotoluene	11.40	91	383166	45.173	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	493598	45.838	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	58880	40.736	ug/l	98
82) 4-Chlorotoluene	11.49	91	466386	44.827	ug/l	100
83) tert-Butylbenzene	11.76	119	483855	46.140	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	506426	46.645	ug/l	99
85) sec-Butylbenzene	11.93	105	587130	46.831	ug/l	98
86) p-Isopropyltoluene	12.05	119	548754	46.541	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	273501	45.152	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	289450	46.258	ug/l	99
89) n-Butylbenzene	12.37	91	482338	43.793	ug/l	99
90) Hexachloroethane	12.58	117	86724	46.912	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	281427	47.848	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	45243	43.713	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	170566	41.397	ug/l	98
94) Hexachlorobutadiene	13.76	225	70853	42.351	ug/l	97
95) Naphthalene	13.82	128	629243	45.768	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	169540	43.576	ug/l	99

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

