

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102320\
 Data File : VX019114.D
 Acq On : 24 Oct 2020 07:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 10:03:24 AM

Quant Time: Oct 26 06:39:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	218816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	372075	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	339838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	179132	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	128333	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
35) Dibromofluoromethane	5.46	113	114067	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
50) Toluene-d8	8.70	98	431123	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
62) 4-Bromofluorobenzene	11.12	95	154990	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	106589	48.903	ug/l	100
3) Chloromethane	1.31	50	94904	43.793	ug/l	99
4) Vinyl Chloride	1.39	62	124349	48.629	ug/l	99
5) Bromomethane	1.63	94	78477	31.693	ug/l	97
6) Chloroethane	1.71	64	83146	45.997	ug/l	99
7) Trichlorofluoromethane	1.92	101	212023	49.066	ug/l	99
8) Diethyl Ether	2.17	74	80942	47.837	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	98754	48.240	ug/l	99
10) Methyl Iodide	2.49	142	104114	37.396	ug/l	98
11) Tert butyl alcohol	3.01	59	127803	240.751	ug/l	100
12) 1,1-Dichloroethene	2.36	96	102787	48.262	ug/l	99
13) Acrolein	2.27	56	52679	262.445	ug/l	99
14) Allyl chloride	2.71	41	126423	45.885	ug/l	100
15) Acrylonitrile	3.11	53	245262	238.923	ug/l	99
16) Acetone	2.42	43	207764	232.720	ug/l	99
17) Carbon Disulfide	2.55	76	265642	43.247	ug/l	99
18) Methyl Acetate	2.75	43	109359	49.364	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	329126	48.785	ug/l	100
20) Methylene Chloride	2.84	84	118987	47.874	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	118366	47.628	ug/l	98
22) Diisopropyl ether	3.82	45	265956	48.952	ug/l	96
23) Vinyl Acetate	3.78	43	1243605	241.059	ug/l	99
24) 1,1-Dichloroethane	3.67	63	194060	49.047	ug/l	99
25) 2-Butanone	4.64	43	334954	237.448	ug/l	99
26) 2,2-Dichloropropane	4.56	77	132434	36.252	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	138584	49.136	ug/l	96
28) Bromochloromethane	4.98	49	79852	47.528	ug/l	99
29) Tetrahydrofuran	5.09	42	196497	233.054	ug/l	100
30) Chloroform	5.18	83	214560	49.948	ug/l	100
31) Cyclohexane	5.55	56	143680	46.811	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	192230	49.341	ug/l	99
36) 1,1-Dichloropropene	5.77	75	159518	47.780	ug/l	99
37) Ethyl Acetate	4.79	43	133363	46.801	ug/l	100
38) Carbon Tetrachloride	5.75	117	165890	47.340	ug/l	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	164994	44.111	ug/l	97
40) Benzene	6.11	78	472290	48.033	ug/l	98
41) Methacrylonitrile	5.00	41	71015	46.394	ug/l	99
42) 1,2-Dichloroethane	6.16	62	164109	48.906	ug/l	99
43) Isopropyl Acetate	6.41	43	224268	46.470	ug/l	99
44) Trichloroethene	7.19	130	135148	47.131	ug/l	99
45) 1,2-Dichloropropane	7.49	63	113634	48.180	ug/l	98
46) Dibromomethane	7.63	93	84840	47.228	ug/l	99
47) Bromodichloromethane	7.87	83	172225	48.897	ug/l	99
48) Methyl methacrylate	7.74	41	107680	45.283	ug/l	99
49) 1,4-Dioxane	7.73	88	53416	994.201	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	676457	237.873	ug/l	99
52) Toluene	8.77	92	311288	47.932	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	178003	44.753	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	189322	45.075	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	125783	47.510	ug/l	99
56) Ethyl methacrylate	9.16	69	182847	48.005	ug/l	100
57) 1,3-Dichloropropane	9.35	76	203255	48.368	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	479901	239.846	ug/l	100
59) 2-Hexanone	9.47	43	508991	240.178	ug/l	100
60) Dibromochloromethane	9.57	129	137961	47.810	ug/l	99
61) 1,2-Dibromoethane	9.65	107	132796	46.880	ug/l	99
64) Tetrachloroethene	9.32	164	122340	47.283	ug/l #	84
65) Chlorobenzene	10.12	112	341199	47.865	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	125674	49.588	ug/l	99
67) Ethyl Benzene	10.24	91	594720	48.400	ug/l	99
68) m/p-Xylenes	10.34	106	457872	97.276	ug/l	100
69) o-Xylene	10.68	106	219524	48.731	ug/l	98
70) Styrene	10.70	104	374971	49.027	ug/l	100
71) Bromoform	10.84	173	99410	48.590	ug/l	99
73) Isopropylbenzene	11.00	105	591524	45.903	ug/l	99
74) N-amyl acetate	10.88	43	191083	46.281	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	191842	49.417	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	166928m	46.624	ug/l	
77) Bromobenzene	11.24	156	144523	44.408	ug/l	98
78) n-propylbenzene	11.34	91	661997	45.336	ug/l	100
79) 2-Chlorotoluene	11.40	91	383557	45.026	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	496176	46.627	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	54563	38.827	ug/l	98
82) 4-Chlorotoluene	11.49	91	460775	45.459	ug/l	99
83) tert-Butylbenzene	11.76	119	483622	46.134	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	499284	46.856	ug/l	99
85) sec-Butylbenzene	11.93	105	574270	45.270	ug/l	99
86) p-Isopropyltoluene	12.05	119	532449	45.937	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	275466	46.142	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	280800	45.833	ug/l	99
89) n-Butylbenzene	12.37	91	472828	44.566	ug/l	100
90) Hexachloroethane	12.58	117	82858	46.695	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	273909	49.209	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	40535	45.855	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	189052	46.424	ug/l	98
94) Hexachlorobutadiene	13.76	225	76498	40.519	ug/l	97
95) Naphthalene	13.82	128	615069	48.004	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	183329	46.250	ug/l	97

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

