

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX121020\
 Data File : VX019835.D
 Acq On : 10 Dec 2020 19:00
 Operator : JC/MD
 Sample : L4996-23MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20201208MS

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 5:36:25 PM

Quant Time: Dec 11 02:39:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	257927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	424262	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	391503	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	193459	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	163212	48.15	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.30%
35) Dibromofluoromethane	5.46	113	133563	48.71	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.42%
50) Toluene-d8	8.70	98	506435	48.38	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.76%
62) 4-Bromofluorobenzene	11.12	95	190877	47.91	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.82%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	120925	51.208	ug/l 100
3) Chloromethane	1.31	50	134732	48.514	ug/l 100
4) Vinyl Chloride	1.39	62	152519	52.085	ug/l 99
5) Bromomethane	1.62	94	45949	47.257	ug/l 99
6) Chloroethane	1.70	64	97983	55.702	ug/l 98
7) Trichlorofluoromethane	1.91	101	215577	52.862	ug/l 96
8) Diethyl Ether	2.17	74	88849	51.412	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	151731	64.912	ug/l 99
10) Methyl Iodide	2.49	142	152279	44.197	ug/l 99
11) Tert butyl alcohol	3.01	59	178325	255.940	ug/l 99
12) 1,1-Dichloroethene	2.36	96	129002	54.589	ug/l 99
13) Acrolein	2.27	56	84408	225.580	ug/l 99
14) Allyl chloride	2.70	41	204960	51.353	ug/l 99
15) Acrylonitrile	3.11	53	423036	276.045	ug/l 100
16) Acetone	2.42	43	337719	265.047	ug/l 99
17) Carbon Disulfide	2.55	76	312658	46.110	ug/l 99
18) Methyl Acetate	2.75	43	168068	53.902	ug/l 100
19) Methyl tert-butyl Ether	3.17	73	462282	53.715	ug/l 98
20) Methylene Chloride	2.83	84	155295	53.485	ug/l 98
21) trans-1,2-Dichloroethene	3.14	96	143696	52.156	ug/l 99
22) Diisopropyl ether	3.82	45	442540	54.840	ug/l 92
23) Vinyl Acetate	3.78	43	1774684	258.139	ug/l 100
24) 1,1-Dichloroethane	3.67	63	263799	54.211	ug/l 99
25) 2-Butanone	4.63	43	538134	274.851	ug/l 99
26) 2,2-Dichloropropane	4.55	77	191819	45.774	ug/l 98
27) cis-1,2-Dichloroethene	4.56	96	180417	55.957	ug/l 98
28) Bromochloromethane	4.98	49	115821	49.928	ug/l 100
29) Tetrahydrofuran	5.09	42	348952	276.625	ug/l 99
30) Chloroform	5.17	83	271749	54.311	ug/l 98
31) Cyclohexane	5.54	56	220870	52.379	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	231092	53.631	ug/l 99
36) 1,1-Dichloropropene	5.76	75	193897	50.576	ug/l 100
37) Ethyl Acetate	4.79	43	196389	50.736	ug/l 99
38) Carbon Tetrachloride	5.75	117	194006	51.676	ug/l 96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	229764	51.011	ug/l	100
40) Benzene	6.11	78	610823	52.158	ug/l	100
41) Methacrylonitrile	5.00	41	115117	54.166	ug/l	99
42) 1,2-Dichloroethane	6.16	62	210759	52.673	ug/l	100
43) Isopropyl Acetate	6.41	43	317094	50.387	ug/l	100
44) Trichloroethene	7.18	130	208326	67.799	ug/l	100
45) 1,2-Dichloropropane	7.49	63	166616	56.925	ug/l	100
46) Dibromomethane	7.63	93	104544	52.891	ug/l	100
47) Bromodichloromethane	7.87	83	206533	52.658	ug/l	99
48) Methyl methacrylate	7.74	41	164188	53.048	ug/l	99
49) 1,4-Dioxane	7.71	88	80972	1079.962	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1050388	273.382	ug/l	100
52) Toluene	8.76	92	381860	52.134	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	219562	50.446	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	239545	50.660	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	159668	54.094	ug/l	97
56) Ethyl methacrylate	9.16	69	238829	53.479	ug/l	99
57) 1,3-Dichloropropane	9.35	76	267669	53.108	ug/l	99
59) 2-Hexanone	9.47	43	805049	270.313	ug/l	100
60) Dibromochloromethane	9.56	129	163178	54.413	ug/l	98
61) 1,2-Dibromoethane	9.65	107	166143	53.007	ug/l	100
64) Tetrachloroethene	9.32	164	192356	73.265	ug/l	96
65) Chlorobenzene	10.12	112	396974	50.895	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	148985	53.069	ug/l	98
67) Ethyl Benzene	10.23	91	725612	52.410	ug/l	100
68) m/p-Xylenes	10.34	106	546169	104.690	ug/l	99
69) o-Xylene	10.68	106	263518	52.509	ug/l	100
70) Styrene	10.70	104	448111	52.902	ug/l	100
71) Bromoform	10.84	173	117044	52.997	ug/l #	99
73) Isopropylbenzene	11.00	105	705286	53.362	ug/l	99
74) N-amyl acetate	10.88	43	264650	49.966	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	252240	54.131	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	233759m	53.875	ug/l	
77) Bromobenzene	11.24	156	174123	51.479	ug/l	98
78) n-propylbenzene	11.34	91	801767	53.112	ug/l	100
79) 2-Chlorotoluene	11.40	91	487430	52.433	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	594223	53.271	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	76427	50.919	ug/l	98
82) 4-Chlorotoluene	11.49	91	568710	52.235	ug/l	99
83) tert-Butylbenzene	11.76	119	582169	53.214	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	607878	54.099	ug/l	99
85) sec-Butylbenzene	11.93	105	672217	53.818	ug/l	99
86) p-Isopropyltoluene	12.05	119	610131	53.299	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	314504	50.661	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	318574	50.384	ug/l	99
89) n-Butylbenzene	12.37	91	531109	52.368	ug/l	100
90) Hexachloroethane	12.58	117	104939	53.098	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	317622	52.485	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55936	55.838	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	200250	50.833	ug/l	98

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QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	86655	49.216	ug/l	98
95) Naphthalene	13.82	128	697814	54.639	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	201968	52.461	ug/l	99

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

