

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042320\
 Data File : VX015906.D
 Acq On : 23 Apr 2020 21:55
 Operator : JC/SP
 Sample : VX0423WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS02

Manual Integrations
 APPROVED

MMDadoda
 4/24/2020 11:35:15 AM

Quant Time: Apr 24 07:55:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	834235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1259680	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1180956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	618933	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	495332	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	
35) Dibromofluoromethane	5.47	113	380081	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
50) Toluene-d8	8.70	98	1494947	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
62) 4-Bromofluorobenzene	11.12	95	594056	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	161489	22.615	ug/l	100
3) Chloromethane	1.31	50	151070	20.657	ug/l	98
4) Vinyl Chloride	1.39	62	161988	19.136	ug/l	98
5) Bromomethane	1.63	94	72487	25.531	ug/l	99
6) Chloroethane	1.72	64	93830	19.451	ug/l	96
7) Trichlorofluoromethane	1.92	101	219748	20.923	ug/l	99
8) Diethyl Ether	2.17	74	79646	18.700	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	138064	19.378	ug/l	99
10) Methyl Iodide	2.49	142	155041	17.614	ug/l	98
11) Tert butyl alcohol	3.01	59	203775	105.114	ug/l	98
12) 1,1-Dichloroethene	2.36	96	145386	19.897	ug/l	97
13) Acrolein	2.27	56	88154	76.851	ug/l	98
14) Allyl chloride	2.71	41	303742	19.562	ug/l	98
15) Acrylonitrile	3.12	53	475019	105.564	ug/l	99
16) Acetone	2.42	43	394204	95.416	ug/l	99
17) Carbon Disulfide	2.55	76	391121	14.740	ug/l	99
18) Methyl Acetate	2.75	43	275061	20.167	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	545090	21.131	ug/l	99
20) Methylene Chloride	2.84	84	168778	20.124	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	160472	19.794	ug/l	99
22) Diisopropyl ether	3.83	45	586592	20.961	ug/l	97
23) Vinyl Acetate	3.79	43	2390652	103.214	ug/l	99
24) 1,1-Dichloroethane	3.67	63	297700	20.409	ug/l	99
25) 2-Butanone	4.64	43	675200	103.399	ug/l	97
26) 2,2-Dichloropropane	4.56	77	226072	17.350	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	189015	20.536	ug/l	97
28) Bromochloromethane	4.98	49	153349	20.036	ug/l	98
29) Tetrahydrofuran	5.09	42	438819	101.597	ug/l	99
30) Chloroform	5.19	83	304128	20.723	ug/l	96
31) Cyclohexane	5.56	56	281598	20.314	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	273156	20.875	ug/l	98
36) 1,1-Dichloropropene	5.78	75	230233	20.617	ug/l	99
37) Ethyl Acetate	4.79	43	273666	20.591	ug/l	99
38) Carbon Tetrachloride	5.76	117	235214	21.383	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	267698	18.930	ug/l	99
40) Benzene	6.12	78	684716	20.358	ug/l	100
41) Methacrylonitrile	5.01	41	151680	20.538	ug/l	99
42) 1,2-Dichloroethane	6.17	62	255437	21.090	ug/l	99
43) Isopropyl Acetate	6.42	43	453517	20.229	ug/l	99
44) Trichloroethene	7.19	130	232477	19.668	ug/l	98
45) 1,2-Dichloropropane	7.50	63	182454	20.700	ug/l	98
46) Dibromomethane	7.64	93	122510	19.040	ug/l	98
47) Bromodichloromethane	7.88	83	241261	21.077	ug/l	97
48) Methyl methacrylate	7.75	41	224257	20.336	ug/l	98
49) 1,4-Dioxane	7.72	88	86037	412.818	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1347680	104.145	ug/l	99
52) Toluene	8.77	92	437558	20.296	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	275641	19.408	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	298002	19.852	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	178311	21.181	ug/l	95
56) Ethyl methacrylate	9.16	69	284876	19.978	ug/l	98
57) 1,3-Dichloropropane	9.36	76	304115	20.789	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	704666	98.924	ug/l	98
59) 2-Hexanone	9.47	43	1021316	103.601	ug/l	100
60) Dibromochloromethane	9.57	129	194448	22.367	ug/l	95
61) 1,2-Dibromoethane	9.65	107	188595	20.270	ug/l	100
64) Tetrachloroethene	9.32	164	286846	18.020	ug/l	94
65) Chlorobenzene	10.12	112	477614	20.225	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	181576	20.570	ug/l	99
67) Ethyl Benzene	10.24	91	838301	20.214	ug/l	100
68) m/p-Xylenes	10.34	106	633750	40.714	ug/l	97
69) o-Xylene	10.68	106	309719	20.220	ug/l	98
70) Styrene	10.70	104	530443	19.999	ug/l	98
71) Bromoform	10.84	173	142228	24.726	ug/l #	100
73) Isopropylbenzene	11.00	105	835225	21.248	ug/l	99
74) N-amyl acetate	10.88	43	407739	20.093	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	184639	22.195	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	239873m	20.381	ug/l	
77) Bromobenzene	11.24	156	223511	20.810	ug/l	98
78) n-propylbenzene	11.34	91	939006	20.853	ug/l	100
79) 2-Chlorotoluene	11.40	91	566423	20.941	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	700438	20.898	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	88505	18.089	ug/l	96
82) 4-Chlorotoluene	11.49	91	669088	20.817	ug/l	99
83) tert-Butylbenzene	11.76	119	630952	21.222	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	709063	20.377	ug/l	100
85) sec-Butylbenzene	11.93	105	790517	20.170	ug/l	100
86) p-Isopropyltoluene	12.05	119	733623	20.018	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	391633	19.864	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	399151	20.225	ug/l	98
89) n-Butylbenzene	12.37	91	649925	19.835	ug/l	98
90) Hexachloroethane	12.58	117	113853	29.408	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	376591	20.139	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55444	22.474	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	291101	19.758	ug/l	100
94) Hexachlorobutadiene	13.77	225	127810	19.348	ug/l	97
95) Naphthalene	13.82	128	846970	19.981	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	285978	19.895	ug/l	97

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

