

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012120\
 Data File : VX014675.D
 Acq On : 21 Jan 2020 10:42
 Operator : JC/SP
 Sample : VX0121WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0121WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/22/2020 12:26:43 PM

Quant Time: Jan 22 04:39:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	447535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	664187	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	609972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	307433	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	268423	53.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.46%	
35) Dibromofluoromethane	5.48	113	220148	54.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.50%	
50) Toluene-d8	8.71	98	847167	54.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.60%	
62) 4-Bromofluorobenzene	11.13	95	299159	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	109969	19.944	ug/l	100
3) Chloromethane	1.32	50	112070	19.645	ug/l	97
4) Vinyl Chloride	1.40	62	130865	20.587	ug/l	96
5) Bromomethane	1.63	94	76541	18.165	ug/l	98
6) Chloroethane	1.72	64	72190	20.069	ug/l	99
7) Trichlorofluoromethane	1.92	101	147270	20.423	ug/l	98
8) Diethyl Ether	2.18	74	63915	19.428	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	89533	20.408	ug/l	100
10) Methyl Iodide	2.50	142	103064	19.619	ug/l	98
11) Tert butyl alcohol	3.02	59	99820	95.690	ug/l	98
12) 1,1-Dichloroethene	2.37	96	83335	18.854	ug/l	99
13) Acrolein	2.28	56	55825	66.767	ug/l	99
14) Allyl chloride	2.72	41	153624	19.796	ug/l	98
15) Acrylonitrile	3.13	53	260441	103.444	ug/l	99
16) Acetone	2.43	43	270374	105.519	ug/l	97
17) Carbon Disulfide	2.56	76	214308	17.377	ug/l	99
18) Methyl Acetate	2.76	43	160883	22.405	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	292108	20.587	ug/l	98
20) Methylene Chloride	2.85	84	101298	20.155	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	92812	19.234	ug/l	95
22) Diisopropyl ether	3.84	45	328178	21.883	ug/l	92
23) Vinyl Acetate	3.80	43	1233471	106.234	ug/l	99
24) 1,1-Dichloroethane	3.69	63	172928	21.197	ug/l	98
25) 2-Butanone	4.65	43	380872	102.059	ug/l	100
26) 2,2-Dichloropropane	4.57	77	135743	19.642	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	105059	19.476	ug/l	97
28) Bromochloromethane	5.00	49	71418	20.775	ug/l	95
29) Tetrahydrofuran	5.11	42	229657	104.085	ug/l	98
30) Chloroform	5.20	83	169272	21.233	ug/l	97
31) Cyclohexane	5.57	56	153414	20.090	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	137150	20.099	ug/l	97
36) 1,1-Dichloropropene	5.79	75	124354	19.909	ug/l	99
37) Ethyl Acetate	4.81	43	140808	20.754	ug/l	98
38) Carbon Tetrachloride	5.78	117	119441	20.780	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	152717	19.461	ug/l	98
40) Benzene	6.13	78	389568	21.014	ug/l	98
41) Methacrylonitrile	5.02	41	76627	21.179	ug/l	98
42) 1,2-Dichloroethane	6.18	62	136154	21.006	ug/l	99
43) Isopropyl Acetate	6.43	43	227686	20.774	ug/l	99
44) Trichloroethene	7.20	130	107865	20.247	ug/l	97
45) 1,2-Dichloropropane	7.51	63	105202	22.259	ug/l	98
46) Dibromomethane	7.65	93	66047	20.022	ug/l	96
47) Bromodichloromethane	7.89	83	126833	21.130	ug/l	98
48) Methyl methacrylate	7.76	41	110168	20.988	ug/l	99
49) 1,4-Dioxane	7.73	88	43532	391.385	ug/l #	94
51) 4-Methyl-2-Pentanone	8.63	43	726698	108.809	ug/l	98
52) Toluene	8.78	92	243272	20.500	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	139935	20.024	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	157127	20.814	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	102890	21.586	ug/l	99
56) Ethyl methacrylate	9.17	69	150903	20.664	ug/l	98
57) 1,3-Dichloropropane	9.36	76	168977	21.202	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	249339	100.354	ug/l	100
59) 2-Hexanone	9.48	43	570559	107.969	ug/l	98
60) Dibromochloromethane	9.57	129	101495	21.185	ug/l	99
61) 1,2-Dibromoethane	9.67	107	105931	20.980	ug/l	96
64) Tetrachloroethene	9.33	164	113894	18.631	ug/l	98
65) Chlorobenzene	10.13	112	264290	19.966	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	96685	20.467	ug/l	98
67) Ethyl Benzene	10.25	91	457813	20.291	ug/l	99
68) m/p-Xylenes	10.35	106	349189	40.116	ug/l	97
69) o-Xylene	10.70	106	166627	20.063	ug/l	98
70) Styrene	10.71	104	289911	20.227	ug/l	99
71) Bromoform	10.85	173	73559	19.032	ug/l	98
73) Isopropylbenzene	11.01	105	453134	20.990	ug/l	99
74) N-amyl acetate	10.89	43	193010	20.265	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	149009	21.523	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	124913m	19.638	ug/l	
77) Bromobenzene	11.25	156	117731	19.665	ug/l	99
78) n-propylbenzene	11.35	91	515855	20.864	ug/l	98
79) 2-Chlorotoluene	11.42	91	305636	20.742	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	379154	21.154	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	46666	19.396	ug/l	93
82) 4-Chlorotoluene	11.51	91	351265	20.308	ug/l	98
83) tert-Butylbenzene	11.76	119	353998	20.903	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	382459	21.117	ug/l	99
85) sec-Butylbenzene	11.94	105	442793	21.032	ug/l	98
86) p-Isopropyltoluene	12.06	119	408938	20.932	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	205014	19.081	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	206992	20.156	ug/l	98
89) n-Butylbenzene	12.39	91	346336	19.389	ug/l	99
90) Hexachloroethane	12.59	117	70585	20.569	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	210864	20.031	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31490	20.221	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	139878	18.863	ug/l	99
94) Hexachlorobutadiene	13.78	225	72991	21.129	ug/l	98
95) Naphthalene	13.83	128	404886	17.656	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	141390	19.334	ug/l	99

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

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