

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX013120\
 Data File : VX014778.D
 Acq On : 31 Jan 2020 12:35
 Operator : JC/SP
 Sample : VX0131WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sample ID :
 VX0131WBS02

Manual Integrations
 APPROVED

MMDadoda
 2/4/2020 3:35:52 PM

Quant Time: Jan 31 15:50:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	404233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	604766	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	552841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	276965	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	233597	49.49	ug/l	0.00
Spiked Amount			Recovery	=	98.98%	
35) Dibromofluoromethane	5.48	113	185385	48.58	ug/l	0.00
Spiked Amount			Recovery	=	97.16%	
50) Toluene-d8	8.71	98	708495	48.29	ug/l	0.00
Spiked Amount			Recovery	=	96.58%	
62) 4-Bromofluorobenzene	11.13	95	249932	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	89403	16.833	ug/l	99
3) Chloromethane	1.32	50	92363	16.890	ug/l	99
4) Vinyl Chloride	1.40	62	105418	17.829	ug/l	99
5) Bromomethane	1.64	94	63942	15.921	ug/l	99
6) Chloroethane	1.72	64	62610	17.611	ug/l	96
7) Trichlorofluoromethane	1.92	101	121823	17.695	ug/l	99
8) Diethyl Ether	2.18	74	53796	17.902	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	73557	18.200	ug/l	98
10) Methyl Iodide	2.50	142	92043	17.356	ug/l	98
11) Tert butyl alcohol	3.02	59	88606	83.606	ug/l	98
12) 1,1-Dichloroethene	2.37	96	67979	16.917	ug/l	95
13) Acrolein	2.28	56	55502	66.420	ug/l	98
14) Allyl chloride	2.72	41	128452	17.784	ug/l	99
15) Acrylonitrile	3.12	53	220158	89.782	ug/l	99
16) Acetone	2.43	43	253010	97.887	ug/l	99
17) Carbon Disulfide	2.56	76	175082	15.941	ug/l	99
18) Methyl Acetate	2.76	43	137579	18.630	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	247826	18.829	ug/l	98
20) Methylene Chloride	2.84	84	84195	17.587	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	73063	16.513	ug/l	98
22) Diisopropyl ether	3.84	45	268488	18.684	ug/l	92
23) Vinyl Acetate	3.80	43	1012266	92.408	ug/l	100
24) 1,1-Dichloroethane	3.69	63	141198	18.093	ug/l	98
25) 2-Butanone	4.65	43	331958	89.556	ug/l	99
26) 2,2-Dichloropropane	4.57	77	112990	18.088	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	89181	18.009	ug/l	98
28) Bromochloromethane	5.00	49	64644	18.850	ug/l	97
29) Tetrahydrofuran	5.11	42	191950	87.250	ug/l	99
30) Chloroform	5.19	83	142559	18.440	ug/l	99
31) Cyclohexane	5.57	56	124444	16.954	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	116623	17.847	ug/l	99
36) 1,1-Dichloropropene	5.79	75	101637	18.087	ug/l	98
37) Ethyl Acetate	4.81	43	118198	18.365	ug/l	99
38) Carbon Tetrachloride	5.77	117	98949	18.437	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	125129	17.774	ug/l	97
40) Benzene	6.13	78	319309	18.390	ug/l	100
41) Methacrylonitrile	5.02	41	65637	17.711	ug/l	97
42) 1,2-Dichloroethane	6.18	62	119458	19.923	ug/l	100
43) Isopropyl Acetate	6.43	43	191552	18.175	ug/l	98
44) Trichloroethene	7.20	130	88627	18.071	ug/l	99
45) 1,2-Dichloropropane	7.50	63	84263	18.838	ug/l	97
46) Dibromomethane	7.65	93	55421	19.130	ug/l	98
47) Bromodichloromethane	7.89	83	107216	18.869	ug/l	97
48) Methyl methacrylate	7.76	41	92706	18.410	ug/l	96
49) 1,4-Dioxane	7.73	88	39398	369.082	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	605491	91.023	ug/l	100
52) Toluene	8.78	92	197967	18.548	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	117101	19.140	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	129101	19.181	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	85641	19.598	ug/l	96
56) Ethyl methacrylate	9.17	69	124316	17.966	ug/l	99
57) 1,3-Dichloropropane	9.36	76	142108	19.024	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	215687	98.146	ug/l	99
59) 2-Hexanone	9.48	43	478992	92.794	ug/l	99
60) Dibromochloromethane	9.57	129	86455	18.955	ug/l	99
61) 1,2-Dibromoethane	9.67	107	87234	18.881	ug/l	99
64) Tetrachloroethene	9.33	164	98129	17.932	ug/l	97
65) Chlorobenzene	10.13	112	216309	18.293	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	80922	18.560	ug/l	99
67) Ethyl Benzene	10.25	91	371409	18.395	ug/l	100
68) m/p-Xylenes	10.36	106	286158	37.410	ug/l	100
69) o-Xylene	10.69	106	138883	18.807	ug/l	96
70) Styrene	10.71	104	232595	18.777	ug/l	99
71) Bromoform	10.85	173	65414	18.867	ug/l #	97
73) Isopropylbenzene	11.01	105	365806	18.784	ug/l	99
74) N-amyl acetate	10.89	43	158198	18.538	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	124899	17.963	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	106364m	16.506	ug/l	
77) Bromobenzene	11.25	156	99672	19.051	ug/l	95
78) n-propylbenzene	11.35	91	415906	18.815	ug/l	98
79) 2-Chlorotoluene	11.42	91	247534	18.507	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	306717	18.976	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	38495	17.001	ug/l	95
82) 4-Chlorotoluene	11.51	91	286992	18.848	ug/l	100
83) tert-Butylbenzene	11.76	119	286572	18.868	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	308790	19.047	ug/l	98
85) sec-Butylbenzene	11.94	105	356830	19.178	ug/l	99
86) p-Isopropyltoluene	12.06	119	329407	19.157	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	173570	18.460	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	173204	18.390	ug/l	99
89) n-Butylbenzene	12.39	91	272302	18.183	ug/l	100
90) Hexachloroethane	12.59	117	55562	17.397	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	174491	18.685	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	26173	17.520	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	114429	19.006	ug/l	99
94) Hexachlorobutadiene	13.78	225	58062	18.737	ug/l	97
95) Naphthalene	13.83	128	328930	17.558	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	115822	19.025	ug/l	99

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

