

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012920\
 Data File : VX014762.D
 Acq On : 29 Jan 2020 12:04
 Operator : JC/SP
 Sample : VX0129WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0129WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/30/2020 10:44:11 AM

Quant Time: Jan 29 23:28:45 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	424443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	621972	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	577658	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	291611	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	240593	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
35) Dibromofluoromethane	5.48	113	195340	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	8.71	98	749729	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
62) 4-Bromofluorobenzene	11.13	95	263022	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	102704	18.367	ug/l	98
3) Chloromethane	1.32	50	103599	18.042	ug/l	100
4) Vinyl Chloride	1.40	62	115585	18.617	ug/l	97
5) Bromomethane	1.64	94	69168	16.402	ug/l	97
6) Chloroethane	1.72	64	67796	18.207	ug/l	97
7) Trichlorofluoromethane	1.92	101	131271	18.159	ug/l	98
8) Diethyl Ether	2.18	74	60210	19.082	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	79179	18.658	ug/l	98
10) Methyl Iodide	2.50	142	95666	17.180	ug/l	97
11) Tert butyl alcohol	3.02	59	94539	84.957	ug/l	97
12) 1,1-Dichloroethene	2.37	96	75392	17.868	ug/l	97
13) Acrolein	2.28	56	66000	75.222	ug/l	98
14) Allyl chloride	2.72	41	139272	18.364	ug/l	99
15) Acrylonitrile	3.12	53	232602	90.341	ug/l	100
16) Acetone	2.43	43	225758	83.207	ug/l	98
17) Carbon Disulfide	2.56	76	194659	16.880	ug/l	99
18) Methyl Acetate	2.76	43	144005	18.572	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	262942	19.026	ug/l	99
20) Methylene Chloride	2.85	84	92986	18.499	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	81314	17.503	ug/l	98
22) Diisopropyl ether	3.84	45	287208	19.035	ug/l	89
23) Vinyl Acetate	3.80	43	1076788	93.617	ug/l	99
24) 1,1-Dichloroethane	3.69	63	150604	18.379	ug/l	100
25) 2-Butanone	4.65	43	336441	86.443	ug/l	99
26) 2,2-Dichloropropane	4.57	77	117539	17.921	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	94351	18.146	ug/l	99
28) Bromochloromethane	5.00	49	71732	19.921	ug/l	98
29) Tetrahydrofuran	5.11	42	210256	91.020	ug/l	100
30) Chloroform	5.20	83	148933	18.347	ug/l	97
31) Cyclohexane	5.56	56	135947	17.639	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	125086	18.230	ug/l	99
36) 1,1-Dichloropropene	5.79	75	111181	19.238	ug/l	99
37) Ethyl Acetate	4.81	43	128714	19.445	ug/l	99
38) Carbon Tetrachloride	5.77	117	106015	19.207	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	137675	19.015	ug/l	94
40) Benzene	6.13	78	343719	19.248	ug/l	100
41) Methacrylonitrile	5.02	41	73170	19.219	ug/l	97
42) 1,2-Dichloroethane	6.18	62	124524	20.194	ug/l	98
43) Isopropyl Acetate	6.43	43	206984	19.096	ug/l	99
44) Trichloroethene	7.20	130	94862	18.807	ug/l	90
45) 1,2-Dichloropropane	7.50	63	90797	19.737	ug/l	100
46) Dibromomethane	7.65	93	59224	19.877	ug/l	98
47) Bromodichloromethane	7.89	83	115478	19.761	ug/l	98
48) Methyl methacrylate	7.76	41	102117	19.717	ug/l	99
49) 1,4-Dioxane	7.73	88	41426	377.345	ug/l #	94
51) 4-Methyl-2-Pentanone	8.63	43	647087	94.586	ug/l	100
52) Toluene	8.78	92	214738	19.563	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	125480	19.942	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	140536	20.303	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	90598	20.159	ug/l	97
56) Ethyl methacrylate	9.17	69	135744	18.965	ug/l	99
57) 1,3-Dichloropropane	9.36	76	154314	20.086	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	233275	103.212	ug/l	100
59) 2-Hexanone	9.48	43	506046	95.323	ug/l	99
60) Dibromochloromethane	9.57	129	91066	19.413	ug/l	100
61) 1,2-Dibromoethane	9.67	107	93283	19.632	ug/l	99
64) Tetrachloroethene	9.33	164	107820	18.856	ug/l	98
65) Chlorobenzene	10.13	112	235505	19.060	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	87429	19.191	ug/l	99
67) Ethyl Benzene	10.25	91	407625	19.321	ug/l	100
68) m/p-Xylenes	10.35	106	313391	39.210	ug/l	100
69) o-Xylene	10.70	106	149012	19.312	ug/l	98
70) Styrene	10.71	104	255715	19.756	ug/l	99
71) Bromoform	10.85	173	67536	18.642	ug/l #	99
73) Isopropylbenzene	11.01	105	401913	19.602	ug/l	98
74) N-amyl acetate	10.89	43	169933	18.913	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	131994	18.030	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	113477m	16.726	ug/l	
77) Bromobenzene	11.25	156	104269	18.929	ug/l	98
78) n-propylbenzene	11.35	91	451596	19.403	ug/l	100
79) 2-Chlorotoluene	11.42	91	271787	19.300	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	335172	19.695	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	40283	16.897	ug/l	92
82) 4-Chlorotoluene	11.51	91	311167	19.409	ug/l	100
83) tert-Butylbenzene	11.76	119	312769	19.559	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	333645	19.546	ug/l	99
85) sec-Butylbenzene	11.94	105	387336	19.772	ug/l	99
86) p-Isopropyltoluene	12.06	119	356409	19.686	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	186118	18.801	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	185324	18.689	ug/l	98
89) n-Butylbenzene	12.39	91	298093	18.905	ug/l	99
90) Hexachloroethane	12.59	117	60636	18.032	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	186239	18.942	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27335	17.379	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	123542	19.489	ug/l	99
94) Hexachlorobutadiene	13.78	225	61909	18.975	ug/l	97
95) Naphthalene	13.83	128	362730	18.346	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	126644	19.758	ug/l	98

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

