

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015840.D
 Acq On : 22 Apr 2020 14:45
 Operator : JC/SP
 Sample : VX0422WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/23/2020 11:58:30 AM

Quant Time: Apr 23 06:11:47 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	945022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1388813	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1288779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	685347	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	520821	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
35) Dibromofluoromethane	5.47	113	399110	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
50) Toluene-d8	8.70	98	1588144	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
62) 4-Bromofluorobenzene	11.12	95	632007	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	177951	21.999	ug/l	99
3) Chloromethane	1.31	50	168337	20.319	ug/l	100
4) Vinyl Chloride	1.39	62	184302	19.220	ug/l	99
5) Bromomethane	1.64	94	83192	25.867	ug/l	97
6) Chloroethane	1.72	64	109037	19.954	ug/l	97
7) Trichlorofluoromethane	1.92	101	243532	20.469	ug/l	96
8) Diethyl Ether	2.17	74	94702	19.628	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	156710	19.417	ug/l	98
10) Methyl Iodide	2.49	142	205273	20.586	ug/l	98
11) Tert butyl alcohol	3.01	59	204993	93.346	ug/l	100
12) 1,1-Dichloroethene	2.36	96	155375	18.771	ug/l	99
13) Acrolein	2.27	56	101477	78.095	ug/l	95
14) Allyl chloride	2.71	41	338451	19.242	ug/l	99
15) Acrylonitrile	3.11	53	504634	98.999	ug/l	100
16) Acetone	2.42	43	415623	88.807	ug/l	99
17) Carbon Disulfide	2.55	76	475557	15.821	ug/l	99
18) Methyl Acetate	2.75	43	291953	18.896	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	585733	20.045	ug/l	98
20) Methylene Chloride	2.84	84	185134	19.486	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	176541	19.223	ug/l	99
22) Diisopropyl ether	3.83	45	630963	19.903	ug/l	95
23) Vinyl Acetate	3.78	43	2648097	100.925	ug/l	100
24) 1,1-Dichloroethane	3.67	63	319794	19.354	ug/l	98
25) 2-Butanone	4.64	43	710614	96.064	ug/l	98
26) 2,2-Dichloropropane	4.55	77	286166	19.388	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	202395	19.412	ug/l	100
28) Bromochloromethane	4.98	49	174478	20.124	ug/l #	99
29) Tetrahydrofuran	5.09	42	469446	95.946	ug/l	99
30) Chloroform	5.17	83	323591	19.464	ug/l	96
31) Cyclohexane	5.55	56	311015	19.806	ug/l	96
32) 1,1,1-Trichloroethane	5.47	97	288718	19.478	ug/l	99
36) 1,1-Dichloropropene	5.76	75	247091	20.069	ug/l	99
37) Ethyl Acetate	4.80	43	299259	20.423	ug/l	98
38) Carbon Tetrachloride	5.76	117	241518	19.915	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	311210	19.960	ug/l	99
40) Benzene	6.11	78	728514	19.646	ug/l	100
41) Methacrylonitrile	5.00	41	163664	20.101	ug/l	98
42) 1,2-Dichloroethane	6.17	62	268283	20.091	ug/l	100
43) Isopropyl Acetate	6.41	43	495935	20.064	ug/l	100
44) Trichloroethene	7.19	130	263622	20.229	ug/l	99
45) 1,2-Dichloropropane	7.49	63	196846	20.256	ug/l	98
46) Dibromomethane	7.64	93	139761	19.701	ug/l	99
47) Bromodichloromethane	7.87	83	247897	19.643	ug/l	98
48) Methyl methacrylate	7.75	41	248198	20.414	ug/l	99
49) 1,4-Dioxane	7.72	88	80589	350.724	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1443478	101.176	ug/l	99
52) Toluene	8.76	92	473399	19.917	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	312960	19.986	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	335531	20.274	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	185551	19.992	ug/l	97
56) Ethyl methacrylate	9.16	69	316321	20.121	ug/l	99
57) 1,3-Dichloropropane	9.36	76	326628	20.252	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	792177	100.869	ug/l	98
59) 2-Hexanone	9.47	43	1071284	98.566	ug/l	100
60) Dibromochloromethane	9.57	129	190340	19.859	ug/l	95
61) 1,2-Dibromoethane	9.65	107	198628	19.364	ug/l	99
64) Tetrachloroethene	9.32	164	348816	20.080	ug/l	95
65) Chlorobenzene	10.12	112	510580	19.812	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	192259	19.958	ug/l	98
67) Ethyl Benzene	10.23	91	919753	20.323	ug/l	99
68) m/p-Xylenes	10.34	106	684654	40.304	ug/l	98
69) o-Xylene	10.68	106	326669	19.542	ug/l	97
70) Styrene	10.70	104	585089	20.214	ug/l	99
71) Bromoform	10.84	173	122370	19.494	ug/l	98
73) Isopropylbenzene	11.00	105	901714	20.717	ug/l	99
74) N-amyl acetate	10.88	43	448860	19.976	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	183087	19.876	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	266335m	20.436	ug/l	
77) Bromobenzene	11.24	156	240503	20.222	ug/l	99
78) n-propylbenzene	11.34	91	1025527	20.567	ug/l	100
79) 2-Chlorotoluene	11.40	91	603225	20.140	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	761740	20.524	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	106640	19.684	ug/l	99
82) 4-Chlorotoluene	11.50	91	720164	20.235	ug/l	99
83) tert-Butylbenzene	11.76	119	679628	20.644	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	791212	20.534	ug/l	99
85) sec-Butylbenzene	11.93	105	869600	20.038	ug/l	100
86) p-Isopropyltoluene	12.05	119	839506	20.687	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	434375	19.897	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	443013	20.272	ug/l	97
89) n-Butylbenzene	12.37	91	731430	20.159	ug/l	99
90) Hexachloroethane	12.58	117	98453	22.966	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	416663	20.123	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55052	20.153	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	326472	20.011	ug/l	96
94) Hexachlorobutadiene	13.76	225	155009	21.191	ug/l	98
95) Naphthalene	13.82	128	942663	20.084	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	323175	20.304	ug/l	100

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

