

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041620\
 Data File : VX015703.D
 Acq On : 16 Apr 2020 11:39
 Operator : JC/SP
 Sample : VX0416WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/17/2020 11:55:29 AM

Quant Time: Apr 17 07:15:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1017336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1519600	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1382636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	768348	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	647359	45.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.24%	
35) Dibromofluoromethane	5.47	113	497955	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
50) Toluene-d8	8.70	98	1823985	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
62) 4-Bromofluorobenzene	11.12	95	737926	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	151765	16.933	ug/l	99
3) Chloromethane	1.31	50	178841	15.668	ug/l	99
4) Vinyl Chloride	1.39	62	186112	17.757	ug/l	96
5) Bromomethane	1.63	94	134326	23.520	ug/l	97
6) Chloroethane	1.72	64	116657	17.947	ug/l	99
7) Trichlorofluoromethane	1.92	101	259761	18.481	ug/l	98
8) Diethyl Ether	2.17	74	105916	17.866	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	175479	19.151	ug/l	97
10) Methyl Iodide	2.49	142	158593	12.838	ug/l	99
11) Tert butyl alcohol	3.01	59	235938	68.699	ug/l	99
12) 1,1-Dichloroethene	2.36	96	167588	17.448	ug/l	98
13) Acrolein	2.27	56	187250	95.713	ug/l	99
14) Allyl chloride	2.71	41	364809	16.255	ug/l	98
15) Acrylonitrile	3.11	53	538311	82.190	ug/l	100
16) Acetone	2.42	43	525503	85.248	ug/l	99
17) Carbon Disulfide	2.55	76	438982	14.982	ug/l	99
18) Methyl Acetate	2.75	43	263989	16.779	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	644667	17.306	ug/l	99
20) Methylene Chloride	2.83	84	197411	17.145	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	183352	17.201	ug/l	97
22) Diisopropyl ether	3.83	45	710846	17.875	ug/l	92
23) Vinyl Acetate	3.78	43	3081273	85.577	ug/l	100
24) 1,1-Dichloroethane	3.67	63	363651	17.368	ug/l	99
25) 2-Butanone	4.64	43	790393	79.728	ug/l	100
26) 2,2-Dichloropropane	4.55	77	322598	18.771	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	218752	17.738	ug/l	100
28) Bromochloromethane	4.98	49	175169	17.522	ug/l	97
29) Tetrahydrofuran	5.09	42	496268	77.868	ug/l	99
30) Chloroform	5.17	83	360905	17.916	ug/l	98
31) Cyclohexane	5.55	56	321737	17.713	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	321758	17.649	ug/l	98
36) 1,1-Dichloropropene	5.77	75	265439	18.958	ug/l	98
37) Ethyl Acetate	4.79	43	303183	16.630	ug/l	99
38) Carbon Tetrachloride	5.76	117	279422	18.425	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	317948	19.695	ug/l	96
40) Benzene	6.11	78	771080	18.800	ug/l	99
41) Methacrylonitrile	5.00	41	179936	17.780	ug/l	99
42) 1,2-Dichloroethane	6.16	62	305271	18.530	ug/l	98
43) Isopropyl Acetate	6.41	43	520067	16.899	ug/l	99
44) Trichloroethene	7.18	130	222572	19.898	ug/l	88
45) 1,2-Dichloropropane	7.49	63	206823	18.434	ug/l	94
46) Dibromomethane	7.64	93	134793	18.314	ug/l	91
47) Bromodichloromethane	7.88	83	284806	18.161	ug/l	99
48) Methyl methacrylate	7.75	41	263118	17.117	ug/l	98
49) 1,4-Dioxane	7.72	88	98887	344.836	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1550722	88.912	ug/l	100
52) Toluene	8.76	92	495949	19.613	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	324111	17.622	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	343599	18.339	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	207679	20.046	ug/l	92
56) Ethyl methacrylate	9.16	69	314201	17.209	ug/l	98
57) 1,3-Dichloropropane	9.36	76	344911	18.479	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	819124	92.236	ug/l	100
59) 2-Hexanone	9.47	43	1145531	86.996	ug/l	99
60) Dibromochloromethane	9.56	129	229779	18.458	ug/l	99
61) 1,2-Dibromoethane	9.65	107	208215	18.484	ug/l	97
64) Tetrachloroethene	9.32	164	207526	19.889	ug/l	91
65) Chlorobenzene	10.12	112	541442	19.636	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	209598	19.027	ug/l	98
67) Ethyl Benzene	10.23	91	950643	19.439	ug/l	99
68) m/p-Xylenes	10.34	106	723109	39.708	ug/l	99
69) o-Xylene	10.68	106	357580	19.871	ug/l	98
70) Styrene	10.70	104	605443	19.120	ug/l	99
71) Bromoform	10.84	173	175356	17.486	ug/l #	99
73) Isopropylbenzene	11.00	105	950825	18.887	ug/l	100
74) N-amyl acetate	10.88	43	451251	16.116	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	297750	17.236	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	278907m	17.652	ug/l	
77) Bromobenzene	11.24	156	260055	19.366	ug/l	93
78) n-propylbenzene	11.34	91	1065649	18.512	ug/l	98
79) 2-Chlorotoluene	11.40	91	649846	18.418	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	812301	18.893	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	99287	15.078	ug/l	98
82) 4-Chlorotoluene	11.49	91	768281	18.574	ug/l	100
83) tert-Butylbenzene	11.76	119	817133	19.457	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	824387	18.816	ug/l	99
85) sec-Butylbenzene	11.93	105	937472	19.301	ug/l	98
86) p-Isopropyltoluene	12.05	119	899752	19.954	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	457712	19.040	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	466966	19.070	ug/l	100
89) n-Butylbenzene	12.37	91	777477	19.080	ug/l	99
90) Hexachloroethane	12.58	117	148386	16.907	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	442875	18.825	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	66215	13.581	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	354383	19.044	ug/l	99
94) Hexachlorobutadiene	13.77	225	167510	18.906	ug/l	97
95) Naphthalene	13.82	128	989212	17.427	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	352548	19.677	ug/l	99

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

