

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072720\
 Data File : VX017629.D
 Acq On : 27 Jul 2020 20:04
 Operator : JC/SP
 Sample : VX0727WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/28/2020 10:08:37 AM

Quant Time: Jul 28 02:03:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	566290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	812326	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	774877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	416723	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	371382	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
35) Dibromofluoromethane	5.47	113	287867	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	
50) Toluene-d8	8.70	98	963158	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.12	95	393405	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	109451	20.226	ug/l	99
3) Chloromethane	1.31	50	126666	18.330	ug/l	99
4) Vinyl Chloride	1.39	62	125461	17.606	ug/l	98
5) Bromomethane	1.63	94	87077	20.966	ug/l	92
6) Chloroethane	1.72	64	72909	18.067	ug/l	99
7) Trichlorofluoromethane	1.92	101	199269	17.778	ug/l	99
8) Diethyl Ether	2.17	74	68332	17.931	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	109785	17.849	ug/l	98
10) Methyl Iodide	2.49	142	118742	15.090	ug/l	97
11) Tert butyl alcohol	3.01	59	133834	87.296	ug/l	100
12) 1,1-Dichloroethene	2.36	96	110708	18.927	ug/l	98
13) Acrolein	2.27	56	105990	93.196	ug/l	98
14) Allyl chloride	2.71	41	195276	18.284	ug/l	97
15) Acrylonitrile	3.12	53	319778	96.571	ug/l	98
16) Acetone	2.42	43	289504	90.423	ug/l	98
17) Carbon Disulfide	2.55	76	308992	17.380	ug/l	98
18) Methyl Acetate	2.75	43	144830	19.207	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	377556	18.649	ug/l	96
20) Methylene Chloride	2.84	84	125866	20.106	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	118584	18.925	ug/l	94
22) Diisopropyl ether	3.83	45	385717	19.751	ug/l	98
23) Vinyl Acetate	3.79	43	1720225	98.794	ug/l	100
24) 1,1-Dichloroethane	3.67	63	223118	19.833	ug/l	99
25) 2-Butanone	4.64	43	460545	101.257	ug/l	98
26) 2,2-Dichloropropane	4.55	77	188094	18.679	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	134554	19.770	ug/l	98
28) Bromochloromethane	4.98	49	95893	18.810	ug/l	96
29) Tetrahydrofuran	5.09	42	293416	104.147	ug/l	100
30) Chloroform	5.18	83	231315	20.124	ug/l	98
31) Cyclohexane	5.55	56	176069	19.626	ug/l	93
32) 1,1,1-Trichloroethane	5.46	97	212293	19.586	ug/l	99
36) 1,1-Dichloropropene	5.78	75	160589	20.612	ug/l	99
37) Ethyl Acetate	4.80	43	177168	20.783	ug/l	96
38) Carbon Tetrachloride	5.75	117	193891	20.494	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	156901	17.251	ug/l	97
40) Benzene	6.12	78	449607	20.129	ug/l	96
41) Methacrylonitrile	5.01	41	100247	20.517	ug/l	97
42) 1,2-Dichloroethane	6.17	62	182944	20.020	ug/l	99
43) Isopropyl Acetate	6.42	43	277133	19.704	ug/l	99
44) Trichloroethene	7.19	130	133001	20.375	ug/l	98
45) 1,2-Dichloropropane	7.49	63	112585	18.182	ug/l	97
46) Dibromomethane	7.64	93	87541	20.005	ug/l	99
47) Bromodichloromethane	7.88	83	169053	19.200	ug/l	96
48) Methyl methacrylate	7.74	41	126932	18.206	ug/l	98
49) 1,4-Dioxane	7.72	88	48106	359.895	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	832959	99.256	ug/l	98
52) Toluene	8.77	92	266380	18.596	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	187312	19.004	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	187289	18.629	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	112250	18.811	ug/l	98
56) Ethyl methacrylate	9.16	69	172565	19.195	ug/l	100
57) 1,3-Dichloropropane	9.35	76	191058	19.444	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	392578	82.884	ug/l	99
59) 2-Hexanone	9.48	43	609452	96.459	ug/l	98
60) Dibromochloromethane	9.57	129	141083	18.601	ug/l	98
61) 1,2-Dibromoethane	9.65	107	120870	19.025	ug/l	100
64) Tetrachloroethene	9.32	164	134307	19.312	ug/l	97
65) Chlorobenzene	10.12	112	305912	18.239	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	124693	18.421	ug/l	99
67) Ethyl Benzene	10.24	91	516121	18.434	ug/l	99
68) m/p-Xylenes	10.34	106	419417	38.669	ug/l	97
69) o-Xylene	10.68	106	192134	18.418	ug/l	98
70) Styrene	10.70	104	342021	19.270	ug/l	98
71) Bromoform	10.84	173	118540	20.213	ug/l #	98
73) Isopropylbenzene	11.00	105	524024	18.330	ug/l	99
74) N-amyl acetate	10.88	43	246332	19.393	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	156873	17.580	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	161153m	18.800	ug/l	
77) Bromobenzene	11.24	156	146604	18.318	ug/l	98
78) n-propylbenzene	11.34	91	582468	18.065	ug/l	97
79) 2-Chlorotoluene	11.40	91	361913	18.120	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	454962	18.639	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	58273	17.129	ug/l	96
82) 4-Chlorotoluene	11.49	91	435383	18.479	ug/l	99
83) tert-Butylbenzene	11.76	119	477182	20.431	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	497499	20.492	ug/l	99
85) sec-Butylbenzene	11.93	105	508194	18.678	ug/l	100
86) p-Isopropyltoluene	12.05	119	478601	18.472	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	266628	19.400	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	257779	18.108	ug/l	98
89) n-Butylbenzene	12.37	91	433866	18.792	ug/l	99
90) Hexachloroethane	12.58	117	98168	19.218	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	268256	19.860	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47603	20.468	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	161334	17.501	ug/l	99
94) Hexachlorobutadiene	13.77	225	58279	13.734	ug/l	92
95) Naphthalene	13.82	128	521075	18.935	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	169576	18.630	ug/l	97

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

