

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032720\
 Data File : VX015376.D
 Acq On : 27 Mar 2020 12:57
 Operator : JC/SP
 Sample : VX0327WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD01

Manual Integrations
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apatel
 3/30/2020 2:59:35 PM

Quant Time: Mar 30 01:50:10 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	1169995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1788080	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1626653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	842049	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	756885	45.87	ug/l	0.00
Spiked Amount			Recovery	=	91.74%	
35) Dibromofluoromethane	5.47	113	564795	49.41	ug/l	0.00
Spiked Amount			Recovery	=	98.82%	
50) Toluene-d8	8.70	98	2059782	48.95	ug/l	0.00
Spiked Amount			Recovery	=	97.90%	
62) 4-Bromofluorobenzene	11.12	95	831584	48.62	ug/l	0.00
Spiked Amount			Recovery	=	97.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	205719	19.957	ug/l	97
3) Chloromethane	1.31	50	228169	17.382	ug/l	99
4) Vinyl Chloride	1.39	62	220399	18.285	ug/l	96
5) Bromomethane	1.63	94	138160	20.016	ug/l	97
6) Chloroethane	1.71	64	134911	18.047	ug/l	98
7) Trichlorofluoromethane	1.92	101	317417	19.636	ug/l	99
8) Diethyl Ether	2.17	74	122050	17.901	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.37	101	216975	20.590	ug/l	99
10) Methyl Iodide	2.49	142	255699	17.997	ug/l	100
11) Tert butyl alcohol	3.01	59	336045	85.081	ug/l	100
12) 1,1-Dichloroethene	2.36	96	211368	19.135	ug/l	99
13) Acrolein	2.27	56	189418	84.188	ug/l	96
14) Allyl chloride	2.70	41	482651	18.700	ug/l	99
15) Acrylonitrile	3.12	53	678746	90.110	ug/l	99
16) Acetone	2.42	43	618916	87.301	ug/l	100
17) Carbon Disulfide	2.55	76	642906	19.079	ug/l	99
18) Methyl Acetate	2.75	43	324502	17.934	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	796784	18.599	ug/l	100
20) Methylene Chloride	2.83	84	237106	17.906	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	229692	18.737	ug/l	99
22) Diisopropyl ether	3.83	45	872466	19.077	ug/l	93
23) Vinyl Acetate	3.78	43	4015120	96.963	ug/l	99
24) 1,1-Dichloroethane	3.67	63	438190	18.197	ug/l	99
25) 2-Butanone	4.64	43	1002514	87.930	ug/l	99
26) 2,2-Dichloropropane	4.55	77	397090	20.090	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	265029	18.686	ug/l	98
28) Bromochloromethane	4.98	49	222609	19.362	ug/l	100
29) Tetrahydrofuran	5.09	42	650440	88.742	ug/l	100
30) Chloroform	5.18	83	426087	18.392	ug/l	96
31) Cyclohexane	5.55	56	417300	19.977	ug/l	96
32) 1,1,1-Trichloroethane	5.47	97	385657	18.394	ug/l	98
36) 1,1-Dichloropropene	5.77	75	328763	19.955	ug/l	99
37) Ethyl Acetate	4.79	43	404881	18.874	ug/l	99
38) Carbon Tetrachloride	5.76	117	354303	19.855	ug/l	97

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39) Methylcyclohexane	7.44	83	403756	21.255	ug/l	98
40) Benzene	6.11	78	940536	19.489	ug/l	99
41) Methacrylonitrile	5.00	41	228156	19.159	ug/l	99
42) 1,2-Dichloroethane	6.16	62	382397	19.726	ug/l	100
43) Isopropyl Acetate	6.41	43	691145	19.086	ug/l	100
44) Trichloroethene	7.19	130	257360	19.554	ug/l	100
45) 1,2-Dichloropropane	7.49	63	255397	19.345	ug/l	98
46) Dibromomethane	7.64	93	167393	19.329	ug/l	98
47) Bromodichloromethane	7.87	83	356117	19.298	ug/l	96
48) Methyl methacrylate	7.75	41	343591	18.996	ug/l	99
49) 1,4-Dioxane	7.72	88	131074	388.447	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1982373	96.595	ug/l	98
52) Toluene	8.76	92	595542	20.016	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	421646	19.482	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	436995	19.822	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	238281	19.547	ug/l	98
56) Ethyl methacrylate	9.16	69	409526	19.062	ug/l	99
57) 1,3-Dichloropropane	9.36	76	417885	19.027	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1014215	97.056	ug/l	99
59) 2-Hexanone	9.47	43	1474021	95.134	ug/l	100
60) Dibromochloromethane	9.56	129	288461	19.693	ug/l	98
61) 1,2-Dibromoethane	9.65	107	259224	19.557	ug/l	98
64) Tetrachloroethene	9.32	164	251998	20.528	ug/l	95
65) Chlorobenzene	10.12	112	628917	19.387	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	248295	19.158	ug/l	97
67) Ethyl Benzene	10.23	91	1158601	20.137	ug/l	99
68) m/p-Xylenes	10.34	106	864305	40.342	ug/l	100
69) o-Xylene	10.68	106	420705	19.872	ug/l	100
70) Styrene	10.70	104	729531	19.583	ug/l	99
71) Bromoform	10.84	173	228237	19.345	ug/l #	98
73) Isopropylbenzene	11.00	105	1132731	20.531	ug/l	99
74) N-amyl acetate	10.88	43	572083	18.643	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	360825	19.059	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	347340m	20.059	ug/l	
77) Bromobenzene	11.24	156	288416	19.598	ug/l	99
78) n-propylbenzene	11.34	91	1291742	20.475	ug/l	99
79) 2-Chlorotoluene	11.40	91	776780	20.088	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	960790	20.391	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	142087	19.689	ug/l	99
82) 4-Chlorotoluene	11.49	91	925972	20.427	ug/l	98
83) tert-Butylbenzene	11.76	119	931941	20.248	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	966898	20.137	ug/l	99
85) sec-Butylbenzene	11.93	105	1095007	20.571	ug/l	100
86) p-Isopropyltoluene	12.05	119	1038539	21.016	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	516560	19.607	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	518044	19.304	ug/l	97
89) n-Butylbenzene	12.37	91	939882	21.047	ug/l	99
90) Hexachloroethane	12.58	117	196240	20.403	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	501665	19.457	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	90894	17.011	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	392851	19.263	ug/l	98
94) Hexachlorobutadiene	13.77	225	188286	19.391	ug/l	94
95) Naphthalene	13.82	128	1181744	18.996	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	375318	19.114	ug/l	96

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

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