

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100920\
 Data File : VX018876.D
 Acq On : 10 Oct 2020 00:33
 Operator : JC/SP
 Sample : VX1009WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD02

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 2:23:40 PM

Quant Time: Oct 10 07:22:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	195251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	298165	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	285090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	158387	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	140324	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.46%		
35) Dibromofluoromethane	5.46	113	101062	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.12%		
50) Toluene-d8	8.70	98	356200	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.66%		
62) 4-Bromofluorobenzene	11.12	95	141409	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.28%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	44420	20.235	ug/l	99
3) Chloromethane	1.31	50	34274	18.729	ug/l	99
4) Vinyl Chloride	1.39	62	39488	19.303	ug/l	97
5) Bromomethane	1.64	94	24013	21.076	ug/l	93
6) Chloroethane	1.72	64	25006	18.251	ug/l	94
7) Trichlorofluoromethane	1.92	101	75512	18.727	ug/l	95
8) Diethyl Ether	2.17	74	21952	20.163	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	36098	18.640	ug/l	95
10) Methyl Iodide	2.49	142	29324	17.253	ug/l	96
11) Tert butyl alcohol	3.01	59	48643	107.248	ug/l	97
12) 1,1-Dichloroethene	2.36	96	33861	19.232	ug/l	94
13) Acrolein	2.28	56	31487	83.439	ug/l	99
14) Allyl chloride	2.70	41	60762	18.585	ug/l	97
15) Acrylonitrile	3.12	53	90200	93.771	ug/l	98
16) Acetone	2.42	43	95850	84.752	ug/l	98
17) Carbon Disulfide	2.55	76	97834	18.503	ug/l	98
18) Methyl Acetate	2.75	43	46707	19.511	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	114798	18.988	ug/l	99
20) Methylene Chloride	2.83	84	41211	20.365	ug/l	90
21) trans-1,2-Dichloroethene	3.14	96	39882	19.069	ug/l	92
22) Diisopropyl ether	3.82	45	111326	19.026	ug/l	99
23) Vinyl Acetate	3.79	43	539000	95.782	ug/l	100
24) 1,1-Dichloroethane	3.67	63	71345	18.135	ug/l	97
25) 2-Butanone	4.64	43	143303	91.874	ug/l	100
26) 2,2-Dichloropropane	4.55	77	56978	15.011	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	43581	18.764	ug/l	97
28) Bromochloromethane	4.98	49	32389	19.596	ug/l	96
29) Tetrahydrofuran	5.09	42	82018	98.007	ug/l	97
30) Chloroform	5.18	83	78556	18.124	ug/l	100
31) Cyclohexane	5.55	56	49973	18.579	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	73992	17.964	ug/l	100
36) 1,1-Dichloropropene	5.78	75	53764	17.150	ug/l	97
37) Ethyl Acetate	4.79	43	57164	18.883	ug/l	99
38) Carbon Tetrachloride	5.75	117	70440	18.129	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	49128	17.000	ug/l	93
40) Benzene	6.11	78	150718	17.895	ug/l	98
41) Methacrylonitrile	5.00	41	31336	17.843	ug/l	100
42) 1,2-Dichloroethane	6.16	62	69421	17.581	ug/l	99
43) Isopropyl Acetate	6.42	43	91307	18.148	ug/l	99
44) Trichloroethene	7.18	130	43998	17.419	ug/l	97
45) 1,2-Dichloropropane	7.49	63	39362	17.663	ug/l	100
46) Dibromomethane	7.63	93	29252	17.762	ug/l	99
47) Bromodichloromethane	7.88	83	62739	17.580	ug/l	94
48) Methyl methacrylate	7.75	41	46280	18.129	ug/l	98
49) 1,4-Dioxane	7.71	88	12118	338.532	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	284346	96.832	ug/l	100
52) Toluene	8.77	92	99491	18.407	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	65890	17.831	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	65869	17.328	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	41963	18.075	ug/l	93
56) Ethyl methacrylate	9.16	69	57541	18.916	ug/l	98
57) 1,3-Dichloropropane	9.35	76	68342	18.142	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	156881	93.397	ug/l	99
59) 2-Hexanone	9.47	43	215896	96.500	ug/l	98
60) Dibromochloromethane	9.56	129	51663	17.727	ug/l	97
61) 1,2-Dibromoethane	9.65	107	46419	18.645	ug/l	98
64) Tetrachloroethene	9.32	164	39733	18.337	ug/l	98
65) Chlorobenzene	10.12	112	110398	17.919	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	45473	17.891	ug/l	98
67) Ethyl Benzene	10.23	91	190142	18.295	ug/l	99
68) m/p-Xylenes	10.34	106	144867	36.687	ug/l	98
69) o-Xylene	10.68	106	66745	17.941	ug/l	99
70) Styrene	10.70	104	115559	18.348	ug/l	98
71) Bromoform	10.84	173	38593	17.555	ug/l #	98
73) Isopropylbenzene	11.00	105	189945	18.333	ug/l	100
74) N-amyl acetate	10.88	43	76437	18.647	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	63435	18.369	ug/l	95
76) 1,2,3-Trichloropropane	11.28	75	60792m	17.813	ug/l	
77) Bromobenzene	11.24	156	51014	17.924	ug/l	96
78) n-propylbenzene	11.34	91	212836	18.028	ug/l	99
79) 2-Chlorotoluene	11.40	91	131487	17.867	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	164693	18.583	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	19953	16.569	ug/l	98
82) 4-Chlorotoluene	11.49	91	159836	18.266	ug/l	99
83) tert-Butylbenzene	11.76	119	158239	17.829	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	167545	18.597	ug/l	99
85) sec-Butylbenzene	11.93	105	178868	17.889	ug/l	98
86) p-Isopropyltoluene	12.05	119	169351	17.853	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	94051	17.993	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	94926	17.929	ug/l	99
89) n-Butylbenzene	12.37	91	139703	16.951	ug/l	99
90) Hexachloroethane	12.58	117	29189	16.552	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	88011	17.689	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	15514	17.566	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	58017	18.176	ug/l	94
94) Hexachlorobutadiene	13.77	225	24557	17.321	ug/l	98
95) Naphthalene	13.82	128	172382	18.257	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	55330	17.717	ug/l	98

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

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