

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120919\
 Data File : VX0137873.D
 Acq On : 10 Dec 2019 00:44
 Operator : JC/SP
 Sample : VX1209WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Manual Integrations
 APPROVED

apatel
 12/10/2019 11:20:49 AM

Quant Time: Dec 10 05:44:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	561620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	872535	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	782824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	371334	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	294036	45.10	ug/l	0.00
Spiked Amount			Recovery	=	90.20%	
35) Dibromofluoromethane	5.49	113	246104	45.62	ug/l	0.00
Spiked Amount			Recovery	=	91.24%	
50) Toluene-d8	8.71	98	929283	44.22	ug/l	0.00
Spiked Amount			Recovery	=	88.44%	
62) 4-Bromofluorobenzene	11.14	95	327424	43.20	ug/l	0.00
Spiked Amount			Recovery	=	86.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	114054	18.245	ug/l	99
3) Chloromethane	1.32	50	132142	18.839	ug/l	100
4) Vinyl Chloride	1.40	62	151484	19.188	ug/l	100
5) Bromomethane	1.63	94	95918	18.091	ug/l	99
6) Chloroethane	1.72	64	84755	18.866	ug/l	99
7) Trichlorofluoromethane	1.92	101	165935	18.929	ug/l	98
8) Diethyl Ether	2.18	74	79268	19.987	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	100904	18.844	ug/l	99
10) Methyl Iodide	2.50	142	110279	17.026	ug/l	100
11) Tert butyl alcohol	3.03	59	152796	94.955	ug/l	99
12) 1,1-Dichloroethene	2.36	96	99396	18.597	ug/l	96
13) Acrolein	2.28	56	91334	88.837	ug/l	99
14) Allyl chloride	2.72	41	180760	18.636	ug/l	100
15) Acrylonitrile	3.13	53	328892	99.018	ug/l	99
16) Acetone	2.43	43	315544	98.038	ug/l	100
17) Carbon Disulfide	2.56	76	253841	16.660	ug/l	99
18) Methyl Acetate	2.76	43	188969	21.084	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	354169	20.003	ug/l	99
20) Methylene Chloride	2.85	84	122718	19.846	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	106462	18.284	ug/l	97
22) Diisopropyl ether	3.84	45	379857	20.339	ug/l	94
23) Vinyl Acetate	3.80	43	1440880	92.739	ug/l	98
24) 1,1-Dichloroethane	3.69	63	203776	19.959	ug/l	99
25) 2-Butanone	4.66	43	468325	97.906	ug/l	100
26) 2,2-Dichloropropane	4.58	77	124468	14.735	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	126918	18.981	ug/l	99
28) Bromochloromethane	5.01	49	81951	20.304	ug/l	98
29) Tetrahydrofuran	5.12	42	300219	101.809	ug/l	100
30) Chloroform	5.20	83	197663	19.090	ug/l	98
31) Cyclohexane	5.57	56	178783	18.565	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	165541	19.132	ug/l	99
36) 1,1-Dichloropropene	5.79	75	144404	18.232	ug/l	100
37) Ethyl Acetate	4.82	43	174369	19.624	ug/l	99
38) Carbon Tetrachloride	5.78	117	137023	18.762	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	170955	17.462	ug/l	100
40) Benzene	6.14	78	464697	19.264	ug/l	99
41) Methacrylonitrile	5.03	41	99474	20.413	ug/l	97
42) 1,2-Dichloroethane	6.18	62	162776	19.786	ug/l	100
43) Isopropyl Acetate	6.43	43	283001	19.346	ug/l	99
44) Trichloroethene	7.21	130	124397	18.790	ug/l	94
45) 1,2-Dichloropropane	7.51	63	121267	20.092	ug/l	100
46) Dibromomethane	7.65	93	76778	18.730	ug/l	100
47) Bromodichloromethane	7.89	83	147233	18.999	ug/l	99
48) Methyl methacrylate	7.76	41	140384	19.751	ug/l	100
49) 1,4-Dioxane	7.73	88	55522	348.987	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	915919	99.539	ug/l	99
52) Toluene	8.78	92	285064	19.022	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	151737	17.203	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	174345	18.092	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	119976	19.866	ug/l	99
56) Ethyl methacrylate	9.17	69	182390	18.785	ug/l	99
57) 1,3-Dichloropropane	9.37	76	204679	19.663	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	356367	93.613	ug/l	99
59) 2-Hexanone	9.49	43	691278	96.325	ug/l	99
60) Dibromochloromethane	9.58	129	120733	19.264	ug/l	99
61) 1,2-Dibromoethane	9.67	107	121482	18.834	ug/l	98
64) Tetrachloroethene	9.33	164	137158	23.495	ug/l	98
65) Chlorobenzene	10.14	112	305545	18.799	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	112748	19.318	ug/l	98
67) Ethyl Benzene	10.25	91	534874	19.151	ug/l	100
68) m/p-Xylenes	10.35	106	409700	38.316	ug/l	98
69) o-Xylene	10.70	106	200379	19.214	ug/l	99
70) Styrene	10.71	104	333742	19.025	ug/l	99
71) Bromoform	10.85	173	89125	18.456	ug/l #	100
73) Isopropylbenzene	11.01	105	524584	20.139	ug/l	99
74) N-amyl acetate	10.89	43	233932	19.605	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	184810	20.459	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	172328m	20.633	ug/l	
77) Bromobenzene	11.25	156	138668	19.706	ug/l	99
78) n-propylbenzene	11.35	91	578031	19.879	ug/l	100
79) 2-Chlorotoluene	11.42	91	347563	19.926	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	429330	20.111	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	49893	16.343	ug/l	91
82) 4-Chlorotoluene	11.51	91	397460	19.674	ug/l	100
83) tert-Butylbenzene	11.77	119	417051	19.222	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	438417	20.235	ug/l	100
85) sec-Butylbenzene	11.94	105	495737	20.004	ug/l	99
86) p-Isopropyltoluene	12.06	119	451772	19.596	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	233320	19.021	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	234489	18.768	ug/l	97
89) n-Butylbenzene	12.38	91	368941	18.763	ug/l	100
90) Hexachloroethane	12.59	117	80518	19.322	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	240807	19.869	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	38572	19.608	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	156136	18.485	ug/l	99
94) Hexachlorobutadiene	13.77	225	75575	18.626	ug/l	99
95) Naphthalene	13.83	128	482515	19.182	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	160573	19.200	ug/l	99

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

