

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100920\
 Data File : VX018858.D
 Acq On : 09 Oct 2020 16:37
 Operator : JC/SP
 Sample : VX1009WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 2:23:31 PM

Quant Time: Oct 10 06:41:58 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	195756	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	299351	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	279166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	153507	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	138122	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
35) Dibromofluoromethane	5.46	113	101072	47.38	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	94.76%	
50) Toluene-d8	8.70	98	351106	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
62) 4-Bromofluorobenzene	11.12	95	140882	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	44419	20.186	ug/l	98
3) Chloromethane	1.31	50	34008	18.535	ug/l	92
4) Vinyl Chloride	1.39	62	38047	18.551	ug/l	97
5) Bromomethane	1.64	94	22731	19.900	ug/l	98
6) Chloroethane	1.72	64	24594	17.904	ug/l	95
7) Trichlorofluoromethane	1.92	101	74524	18.434	ug/l	100
8) Diethyl Ether	2.17	74	21778	19.962	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	35995	18.539	ug/l	98
10) Methyl Iodide	2.50	142	25718	15.592	ug/l	100
11) Tert butyl alcohol	3.01	59	44319	97.462	ug/l	99
12) 1,1-Dichloroethene	2.36	96	34120	19.325	ug/l	94
13) Acrolein	2.28	56	31004	81.947	ug/l	97
14) Allyl chloride	2.71	41	57672	17.595	ug/l	96
15) Acrylonitrile	3.11	53	88635	91.906	ug/l	99
16) Acetone	2.42	43	97820	86.366	ug/l	98
17) Carbon Disulfide	2.55	76	96512	18.206	ug/l	100
18) Methyl Acetate	2.75	43	43328	18.053	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	113921	18.794	ug/l	99
20) Methylene Chloride	2.84	84	39256	19.374	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	37428	17.849	ug/l	86
22) Diisopropyl ether	3.82	45	111849	19.066	ug/l	87
23) Vinyl Acetate	3.78	43	535188	94.859	ug/l	100
24) 1,1-Dichloroethane	3.67	63	69082	17.515	ug/l	97
25) 2-Butanone	4.63	43	135705	86.778	ug/l	100
26) 2,2-Dichloropropane	4.55	77	66620	17.506	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	42248	18.143	ug/l	99
28) Bromochloromethane	4.98	49	33661	20.257	ug/l	93
29) Tetrahydrofuran	5.09	42	77182	91.990	ug/l	99
30) Chloroform	5.17	83	76229	17.542	ug/l	93
31) Cyclohexane	5.55	56	48961	18.156	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	73608	17.824	ug/l	99
36) 1,1-Dichloropropene	5.77	75	52829	16.785	ug/l	97
37) Ethyl Acetate	4.79	43	55350	18.211	ug/l	98
38) Carbon Tetrachloride	5.75	117	67546	17.315	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	51589	17.781	ug/l	97
40) Benzene	6.11	78	148879	17.607	ug/l	97
41) Methacrylonitrile	5.00	41	30837	17.489	ug/l	99
42) 1,2-Dichloroethane	6.16	62	68199	17.203	ug/l	100
43) Isopropyl Acetate	6.41	43	89439	17.707	ug/l	100
44) Trichloroethene	7.18	130	43820	17.280	ug/l	98
45) 1,2-Dichloropropane	7.49	63	39651	17.722	ug/l	100
46) Dibromomethane	7.63	93	29365	17.760	ug/l	100
47) Bromodichloromethane	7.87	83	61517	17.169	ug/l	95
48) Methyl methacrylate	7.74	41	43927	17.139	ug/l	100
49) 1,4-Dioxane	7.71	88	11748	326.895	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	271838	92.206	ug/l	99
52) Toluene	8.76	92	97555	17.978	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	66742	17.990	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	69291	18.156	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	41726	17.902	ug/l	96
56) Ethyl methacrylate	9.16	69	56192	18.480	ug/l	97
57) 1,3-Dichloropropane	9.35	76	68248	18.045	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	156160	92.599	ug/l	100
59) 2-Hexanone	9.47	43	204943	91.242	ug/l	99
60) Dibromochloromethane	9.56	129	50083	17.117	ug/l	98
61) 1,2-Dibromoethane	9.65	107	44541	17.820	ug/l	99
64) Tetrachloroethene	9.32	164	39856	18.813	ug/l	97
65) Chlorobenzene	10.12	112	108891	18.049	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	44820	18.008	ug/l	98
67) Ethyl Benzene	10.23	91	182664	17.948	ug/l	97
68) m/p-Xylenes	10.34	106	144311	37.322	ug/l	95
69) o-Xylene	10.68	106	64353	17.665	ug/l	100
70) Styrene	10.70	104	114160	18.510	ug/l	99
71) Bromoform	10.84	173	37832	17.574	ug/l #	97
73) Isopropylbenzene	11.00	105	184107	18.334	ug/l	99
74) N-amyl acetate	10.88	43	73486	18.497	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	60531	18.086	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	59094m	17.866	ug/l	
77) Bromobenzene	11.24	156	49764	18.041	ug/l	97
78) n-propylbenzene	11.34	91	207561	18.140	ug/l	100
79) 2-Chlorotoluene	11.40	91	130911	18.354	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	162975	18.974	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	21085	18.066	ug/l	97
82) 4-Chlorotoluene	11.49	91	158016	18.632	ug/l	100
83) tert-Butylbenzene	11.76	119	156955	18.247	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	164000	18.782	ug/l	97
85) sec-Butylbenzene	11.93	105	176461	18.210	ug/l	99
86) p-Isopropyltoluene	12.05	119	172220	18.733	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	93530	18.462	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	93563	18.233	ug/l	98
89) n-Butylbenzene	12.37	91	144121	18.042	ug/l	98
90) Hexachloroethane	12.58	117	29772	17.419	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	87710	18.189	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	14616	17.075	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	56799	18.360	ug/l	95
94) Hexachlorobutadiene	13.76	225	26364	19.186	ug/l	94
95) Naphthalene	13.82	128	166100	18.169	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	57286	18.926	ug/l	97

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

