

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091420\
 Data File : VX018378.D
 Acq On : 14 Sep 2020 12:19
 Operator : JC/SP
 Sample : VX0914WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0914WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/15/2020 2:29:03 PM

Quant Time: Sep 15 05:22:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	463349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	705624	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	660948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	355039	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	336743	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
35) Dibromofluoromethane	5.46	113	259482	54.00	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	108.00%	
50) Toluene-d8	8.70	98	903571	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	11.12	95	357664	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	90262	16.000	ug/l	100
3) Chloromethane	1.31	50	82626	13.892	ug/l	95
4) Vinyl Chloride	1.39	62	84908	14.341	ug/l	98
5) Bromomethane	1.63	94	58888	20.621	ug/l	97
6) Chloroethane	1.72	64	51374	16.156	ug/l	98
7) Trichlorofluoromethane	1.92	101	151995	18.827	ug/l	98
8) Diethyl Ether	2.17	74	46801	17.094	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	77868	17.841	ug/l	99
10) Methyl Iodide	2.49	142	77501	20.129	ug/l	95
11) Tert butyl alcohol	3.01	59	88496	70.757	ug/l	100
12) 1,1-Dichloroethene	2.36	96	70737	15.622	ug/l	97
13) Acrolein	2.27	56	67958	131.042	ug/l	99
14) Allyl chloride	2.71	41	128325	15.774	ug/l	95
15) Acrylonitrile	3.11	53	209234	73.750	ug/l	100
16) Acetone	2.42	43	196327	78.328	ug/l	96
17) Carbon Disulfide	2.55	76	186132	13.598	ug/l	99
18) Methyl Acetate	2.75	43	108127	17.877	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	256662	16.528	ug/l	97
20) Methylene Chloride	2.83	84	82405	15.268	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	75591	15.068	ug/l	96
22) Diisopropyl ether	3.82	45	258339	16.089	ug/l	94
23) Vinyl Acetate	3.78	43	1113413	77.931	ug/l	100
24) 1,1-Dichloroethane	3.67	63	148046	16.197	ug/l	99
25) 2-Butanone	4.63	43	299141	72.619	ug/l	99
26) 2,2-Dichloropropane	4.55	77	147649	19.854	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	88536	15.317	ug/l	98
28) Bromochloromethane	4.98	49	78299	17.747	ug/l	93
29) Tetrahydrofuran	5.09	42	182505	69.598	ug/l	97
30) Chloroform	5.18	83	162586	17.179	ug/l	99
31) Cyclohexane	5.55	56	110860	14.399	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	151807	17.479	ug/l	99
36) 1,1-Dichloropropene	5.77	75	111904	17.194	ug/l	99
37) Ethyl Acetate	4.79	43	114397	15.134	ug/l	98
38) Carbon Tetrachloride	5.74	117	137868	18.797	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	116302	16.342	ug/l	98
40) Benzene	6.11	78	314457	16.443	ug/l	96
41) Methacrylonitrile	5.00	41	61710	14.868	ug/l	95
42) 1,2-Dichloroethane	6.15	62	134337	18.334	ug/l	100
43) Isopropyl Acetate	6.41	43	188535	15.442	ug/l	99
44) Trichloroethene	7.19	130	95764	17.722	ug/l	91
45) 1,2-Dichloropropane	7.49	63	86771	16.835	ug/l	98
46) Dibromomethane	7.63	93	61684	17.018	ug/l	99
47) Bromodichloromethane	7.87	83	128859	17.805	ug/l	93
48) Methyl methacrylate	7.74	41	90429	14.878	ug/l	96
49) 1,4-Dioxane	7.71	88	29241	265.599	ug/l	90
51) 4-Methyl-2-Pentanone	8.62	43	586495	77.767	ug/l	100
52) Toluene	8.76	92	201514	16.618	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	135765	16.926	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	146487	17.240	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	84346	16.309	ug/l	98
56) Ethyl methacrylate	9.16	69	118700	15.439	ug/l	98
57) 1,3-Dichloropropane	9.35	76	142841	16.745	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	299360	86.554	ug/l	97
59) 2-Hexanone	9.47	43	454769	79.302	ug/l	98
60) Dibromochloromethane	9.56	129	106080	17.485	ug/l	100
61) 1,2-Dibromoethane	9.65	107	92006	16.386	ug/l	100
64) Tetrachloroethene	9.32	164	88239	18.167	ug/l	92
65) Chlorobenzene	10.12	112	228318	17.296	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	93742	18.018	ug/l	98
67) Ethyl Benzene	10.23	91	388493	17.306	ug/l	94
68) m/p-Xylenes	10.34	106	296991	35.445	ug/l	100
69) o-Xylene	10.68	106	138984	17.111	ug/l	99
70) Styrene	10.70	104	235008	16.990	ug/l	97
71) Bromoform	10.84	173	77901	17.554	ug/l #	98
73) Isopropylbenzene	11.00	105	393325	16.795	ug/l	99
74) N-amyl acetate	10.88	43	158683	14.281	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	130160	15.755	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	122827m	15.552	ug/l	
77) Bromobenzene	11.24	156	106271	16.417	ug/l	95
78) n-propylbenzene	11.34	91	443529	16.680	ug/l	99
79) 2-Chlorotoluene	11.40	91	272876	16.610	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	335103	17.413	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	44939	15.368	ug/l	96
82) 4-Chlorotoluene	11.49	91	322402	16.508	ug/l	100
83) tert-Butylbenzene	11.76	119	325020	17.114	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	337872	17.172	ug/l	99
85) sec-Butylbenzene	11.93	105	375352	17.380	ug/l	99
86) p-Isopropyltoluene	12.05	119	354477	17.868	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	189794	16.699	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	194058	17.053	ug/l	99
89) n-Butylbenzene	12.37	91	309275	17.080	ug/l	99
90) Hexachloroethane	12.58	117	71793	18.394	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	185423	17.332	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	30941	14.979	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	116878	16.383	ug/l	98
94) Hexachlorobutadiene	13.76	225	53085	18.865	ug/l	96
95) Naphthalene	13.82	128	349679	14.893	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	116218	16.487	ug/l	99

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

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