

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091420\
 Data File : VX018377.D
 Acq On : 14 Sep 2020 11:45
 Operator : JC/SP
 Sample : VX0914WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0914WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/15/2020 2:29:02 PM

Quant Time: Sep 15 05:19:48 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	5.62	168	458055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	691604	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	643920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	344878	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	287202	45.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.32%	
35) Dibromofluoromethane	5.46	113	225800	47.94	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	95.88%	
50) Toluene-d8	8.70	98	765816	43.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.30%	
62) 4-Bromofluorobenzene	11.12	95	295638	42.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	93090	16.692	ug/l	97
3) Chloromethane	1.31	50	85675	14.571	ug/l	98
4) Vinyl Chloride	1.39	62	91360	15.609	ug/l	100
5) Bromomethane	1.63	94	64294	22.775	ug/l	97
6) Chloroethane	1.72	64	55328	17.600	ug/l	96
7) Trichlorofluoromethane	1.92	101	158890	19.909	ug/l	99
8) Diethyl Ether	2.17	74	49585	18.320	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	78702	18.241	ug/l	98
10) Methyl Iodide	2.49	142	80058	20.796	ug/l	97
11) Tert butyl alcohol	3.01	59	96303	77.889	ug/l	98
12) 1,1-Dichloroethene	2.36	96	75833	16.941	ug/l	93
13) Acrolein	2.27	56	44222	86.258	ug/l	99
14) Allyl chloride	2.70	41	135960	16.906	ug/l	96
15) Acrylonitrile	3.11	53	225070	80.248	ug/l	100
16) Acetone	2.42	43	204495	82.529	ug/l	96
17) Carbon Disulfide	2.55	76	198542	14.672	ug/l	100
18) Methyl Acetate	2.75	43	115776	19.363	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	275113	17.921	ug/l	99
20) Methylene Chloride	2.83	84	88781	16.747	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	82970	16.730	ug/l	98
22) Diisopropyl ether	3.82	45	276325	17.408	ug/l #	86
23) Vinyl Acetate	3.78	43	1182191	83.701	ug/l	99
24) 1,1-Dichloroethane	3.67	63	156254	17.293	ug/l	99
25) 2-Butanone	4.63	43	314842	77.314	ug/l	99
26) 2,2-Dichloropropane	4.54	77	151801	20.648	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	95877	16.779	ug/l	99
28) Bromochloromethane	4.97	49	72666	16.661	ug/l	95
29) Tetrahydrofuran	5.09	42	198080	76.411	ug/l	99
30) Chloroform	5.17	83	169328	18.098	ug/l	99
31) Cyclohexane	5.55	56	122723	16.124	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	161331	18.790	ug/l	99
36) 1,1-Dichloropropene	5.76	75	112057	17.567	ug/l	98
37) Ethyl Acetate	4.79	43	121316	16.375	ug/l	98
38) Carbon Tetrachloride	5.75	117	143345	19.940	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	120264	17.242	ug/l	91
40) Benzene	6.11	78	340135	18.146	ug/l	98
41) Methacrylonitrile	5.00	41	67977	16.710	ug/l	99
42) 1,2-Dichloroethane	6.16	62	141444	19.696	ug/l	98
43) Isopropyl Acetate	6.41	43	200978	16.795	ug/l	99
44) Trichloroethene	7.18	130	99174	18.725	ug/l	94
45) 1,2-Dichloropropane	7.49	63	91319	18.076	ug/l	98
46) Dibromomethane	7.63	93	64366	18.118	ug/l	97
47) Bromodichloromethane	7.87	83	138092	19.468	ug/l	98
48) Methyl methacrylate	7.74	41	99940	16.777	ug/l	99
49) 1,4-Dioxane	7.71	88	35928	332.953	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	630099	85.242	ug/l	98
52) Toluene	8.76	92	212888	17.912	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	144884	18.429	ug/l	93
54) cis-1,3-Dichloropropene	8.42	75	152400	18.300	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	89460	17.648	ug/l	98
56) Ethyl methacrylate	9.16	69	126520	16.789	ug/l	98
57) 1,3-Dichloropropane	9.35	76	149244	17.851	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	300712	88.708	ug/l	100
59) 2-Hexanone	9.47	43	466801	83.051	ug/l	98
60) Dibromochloromethane	9.56	129	111325	18.721	ug/l	99
61) 1,2-Dibromoethane	9.65	107	97389	17.696	ug/l	97
64) Tetrachloroethene	9.32	164	96427	20.378	ug/l	94
65) Chlorobenzene	10.12	112	237152	18.440	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	97438	19.223	ug/l	97
67) Ethyl Benzene	10.23	91	396506	18.130	ug/l	98
68) m/p-Xylenes	10.34	106	308745	37.822	ug/l	98
69) o-Xylene	10.68	106	143923	18.188	ug/l	99
70) Styrene	10.70	104	250626	18.598	ug/l	99
71) Bromoform	10.84	173	82638	19.114	ug/l #	99
73) Isopropylbenzene	11.00	105	405139	17.809	ug/l	99
74) N-amyl acetate	10.88	43	169209	15.677	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	136285	16.983	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	132453m	17.265	ug/l	
77) Bromobenzene	11.24	156	107332	17.069	ug/l	98
78) n-propylbenzene	11.34	91	457540	17.714	ug/l	100
79) 2-Chlorotoluene	11.40	91	283241	17.749	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	349588	18.701	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	47044	16.561	ug/l	95
82) 4-Chlorotoluene	11.49	91	338447	17.840	ug/l	99
83) tert-Butylbenzene	11.76	119	337630	18.302	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	347974	18.207	ug/l	100
85) sec-Butylbenzene	11.93	105	383631	18.286	ug/l	100
86) p-Isopropyltoluene	12.05	119	360794	18.722	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	195401	17.699	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	201455	18.224	ug/l	98
89) n-Butylbenzene	12.37	91	317999	18.080	ug/l	98
90) Hexachloroethane	12.58	117	74385	19.619	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	187261	18.019	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	32576	16.235	ug/l	95

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	118419	17.088	ug/l	98
94) Hexachlorobutadiene	13.76	225	55155	20.178	ug/l	96
95) Naphthalene	13.82	128	372592	16.337	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	121719	17.776	ug/l	99

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

