

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091620\
 Data File : VX018432.D
 Acq On : 16 Sep 2020 11:31
 Operator : JC/SP
 Sample : VX0916WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 11:27:18 AM

Quant Time: Sep 16 15:19:23 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	424469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	639730	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	603706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	325323	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	297963	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
35) Dibromofluoromethane	5.46	113	229955	52.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.56%	
50) Toluene-d8	8.70	98	805897	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.12	95	316158	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	89417	17.302	ug/l	98
3) Chloromethane	1.31	50	82954	15.225	ug/l	99
4) Vinyl Chloride	1.39	62	89973	16.589	ug/l	96
5) Bromomethane	1.63	94	62657	23.951	ug/l	98
6) Chloroethane	1.72	64	53045	18.209	ug/l	98
7) Trichlorofluoromethane	1.92	101	155769	21.062	ug/l	100
8) Diethyl Ether	2.17	74	48953	19.518	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	78475	19.627	ug/l	96
10) Methyl Iodide	2.49	142	76759	21.333	ug/l	96
11) Tert butyl alcohol	3.01	59	95212	83.100	ug/l	98
12) 1,1-Dichloroethene	2.36	96	72767	17.542	ug/l	99
13) Acrolein	2.27	56	32660	68.746	ug/l	93
14) Allyl chloride	2.71	41	134753	18.081	ug/l	97
15) Acrylonitrile	3.11	53	223760	86.094	ug/l	99
16) Acetone	2.42	43	205823	89.638	ug/l	92
17) Carbon Disulfide	2.55	76	190963	15.229	ug/l	98
18) Methyl Acetate	2.75	43	119674	21.598	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	274137	19.270	ug/l	98
20) Methylene Chloride	2.84	84	88470	18.099	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	82740	18.004	ug/l	97
22) Diisopropyl ether	3.82	45	280909	19.098	ug/l	# 83
23) Vinyl Acetate	3.78	43	1167952	89.236	ug/l	99
24) 1,1-Dichloroethane	3.67	63	160296	19.144	ug/l	97
25) 2-Butanone	4.63	43	311479	82.540	ug/l	99
26) 2,2-Dichloropropane	4.55	77	151080	22.176	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	94094	17.770	ug/l	98
28) Bromochloromethane	4.98	49	74977	18.551	ug/l	98
29) Tetrahydrofuran	5.09	42	196827	81.935	ug/l	97
30) Chloroform	5.17	83	168528	19.438	ug/l	94
31) Cyclohexane	5.55	56	119203	16.901	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	154798	19.456	ug/l	97
36) 1,1-Dichloropropene	5.76	75	117558	19.923	ug/l	99
37) Ethyl Acetate	4.79	43	123971	18.090	ug/l	98
38) Carbon Tetrachloride	5.75	117	141910	21.341	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	121693	18.861	ug/l	99
40) Benzene	6.10	78	333852	19.255	ug/l	99
41) Methacrylonitrile	5.00	41	65687	17.457	ug/l	94
42) 1,2-Dichloroethane	6.16	62	140950	21.218	ug/l	98
43) Isopropyl Acetate	6.41	43	203258	18.363	ug/l	99
44) Trichloroethene	7.19	130	95961	19.588	ug/l	99
45) 1,2-Dichloropropane	7.49	63	89614	19.177	ug/l	99
46) Dibromomethane	7.63	93	64711	19.693	ug/l	100
47) Bromodichloromethane	7.87	83	138044	21.039	ug/l	96
48) Methyl methacrylate	7.74	41	98448	17.866	ug/l	97
49) 1,4-Dioxane	7.71	88	33498	335.606	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	633494	92.651	ug/l	99
52) Toluene	8.76	92	218100	19.838	ug/l	94
53) t-1,3-Dichloropropene	9.02	75	144908	19.927	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	155399	20.173	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	91024	19.413	ug/l	96
56) Ethyl methacrylate	9.16	69	127198	18.248	ug/l	95
57) 1,3-Dichloropropane	9.35	76	152185	19.678	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	332611	106.074	ug/l	98
59) 2-Hexanone	9.47	43	471571	90.703	ug/l	99
60) Dibromochloromethane	9.56	129	110888	20.160	ug/l	98
61) 1,2-Dibromoethane	9.65	107	99052	19.458	ug/l	99
64) Tetrachloroethene	9.32	164	91569	20.640	ug/l	88
65) Chlorobenzene	10.12	112	239192	19.838	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	101106	21.276	ug/l	98
67) Ethyl Benzene	10.23	91	409837	19.988	ug/l	99
68) m/p-Xylenes	10.34	106	308954	40.369	ug/l	96
69) o-Xylene	10.68	106	145757	19.646	ug/l	96
70) Styrene	10.70	104	251326	19.892	ug/l	97
71) Bromoform	10.84	173	81520	20.111	ug/l #	99
73) Isopropylbenzene	11.00	105	410863	19.147	ug/l	99
74) N-amyl acetate	10.88	43	171567	16.851	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	134193	17.727	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	132787m	18.349	ug/l	
77) Bromobenzene	11.24	156	110202	18.579	ug/l	97
78) n-propylbenzene	11.34	91	478583	19.642	ug/l	98
79) 2-Chlorotoluene	11.40	91	292070	19.402	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	353955	20.073	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	47588	17.760	ug/l	96
82) 4-Chlorotoluene	11.49	91	347330	19.409	ug/l	100
83) tert-Butylbenzene	11.76	119	340356	19.558	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	357561	19.833	ug/l	99
85) sec-Butylbenzene	11.93	105	397105	20.066	ug/l	100
86) p-Isopropyltoluene	12.05	119	373814	20.564	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	197725	18.986	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	201174	19.293	ug/l	99
89) n-Butylbenzene	12.37	91	334701	20.173	ug/l	98
90) Hexachloroethane	12.58	117	75153	21.013	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	188683	19.247	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	33265	17.575	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	124481	19.042	ug/l	98
94) Hexachlorobutadiene	13.77	225	57107	22.148	ug/l	98
95) Naphthalene	13.82	128	379657	17.647	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	127178	19.689	ug/l	98

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

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