

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082620\
 Data File : VX018067.D
 Acq On : 26 Aug 2020 11:18
 Operator : JC/SP
 Sample : VX0826WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sampled :
 VX0826WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/27/2020 12:19:24 PM

Quant Time: Aug 27 04:24:12 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	507916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	742336	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	712165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	377518	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	341139	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
35) Dibromofluoromethane	5.46	113	272682	53.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.88%	
50) Toluene-d8	8.70	98	931816	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
62) 4-Bromofluorobenzene	11.12	95	393944	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	135798	21.960	ug/l	98
3) Chloromethane	1.31	50	124938	19.163	ug/l	97
4) Vinyl Chloride	1.39	62	137451	21.179	ug/l	100
5) Bromomethane	1.63	94	87015	27.797	ug/l	98
6) Chloroethane	1.72	64	73946	21.214	ug/l	100
7) Trichlorofluoromethane	1.92	101	214428	24.230	ug/l	99
8) Diethyl Ether	2.17	74	66022	21.999	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	105972	22.150	ug/l	97
10) Methyl Iodide	2.49	142	112050	24.862	ug/l	98
11) Tert butyl alcohol	3.01	59	117541	85.734	ug/l	98
12) 1,1-Dichloroethene	2.36	96	98863	19.918	ug/l	96
13) Acrolein	2.27	56	46263	81.381	ug/l	99
14) Allyl chloride	2.71	41	177873	19.946	ug/l	96
15) Acrylonitrile	3.11	53	275524	88.594	ug/l	98
16) Acetone	2.42	43	259199	94.338	ug/l	93
17) Carbon Disulfide	2.55	76	294374	19.618	ug/l	98
18) Methyl Acetate	2.75	43	122964	18.546	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	349551	20.534	ug/l	97
20) Methylene Chloride	2.84	84	116366	20.013	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	109394	19.893	ug/l	96
22) Diisopropyl ether	3.82	45	329103	18.698	ug/l	96
23) Vinyl Acetate	3.78	43	1474634	94.157	ug/l	99
24) 1,1-Dichloroethane	3.67	63	195655	19.528	ug/l	98
25) 2-Butanone	4.63	43	399262	88.420	ug/l	99
26) 2,2-Dichloropropane	4.55	77	189143	23.202	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	122866	19.391	ug/l	99
28) Bromochloromethane	4.97	49	82888	17.139	ug/l	89
29) Tetrahydrofuran	5.09	42	232034	80.722	ug/l	98
30) Chloroform	5.17	83	214333	20.660	ug/l	96
31) Cyclohexane	5.54	56	154748	18.336	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	196837	20.675	ug/l	99
36) 1,1-Dichloropropene	5.77	75	138449	20.221	ug/l	97
37) Ethyl Acetate	4.79	43	148519	18.676	ug/l	97
38) Carbon Tetrachloride	5.76	117	174578	22.625	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	162781	21.742	ug/l	95
40) Benzene	6.11	78	392238	19.496	ug/l	97
41) Methacrylonitrile	5.00	41	74192	16.992	ug/l	95
42) 1,2-Dichloroethane	6.16	62	162720	21.110	ug/l	98
43) Isopropyl Acetate	6.41	43	260176	20.256	ug/l	99
44) Trichloroethene	7.18	130	126813	22.308	ug/l	98
45) 1,2-Dichloropropane	7.49	63	104746	19.317	ug/l	98
46) Dibromomethane	7.63	93	77795	20.402	ug/l	97
47) Bromodichloromethane	7.87	83	153489	20.160	ug/l	97
48) Methyl methacrylate	7.74	41	105995	16.577	ug/l	95
49) 1,4-Dioxane	7.71	88	39619	342.066	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	710353	89.532	ug/l	100
52) Toluene	8.76	92	248090	19.447	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	182110	21.582	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	196404	21.972	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	106448	19.564	ug/l	94
56) Ethyl methacrylate	9.16	69	152761	18.886	ug/l	96
57) 1,3-Dichloropropane	9.35	76	176610	19.680	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	335908	92.318	ug/l	98
59) 2-Hexanone	9.47	43	541211	89.709	ug/l	100
60) Dibromochloromethane	9.56	129	134883	21.133	ug/l	100
61) 1,2-Dibromoethane	9.65	107	116833	19.779	ug/l	98
64) Tetrachloroethene	9.32	164	121488	23.214	ug/l	94
65) Chlorobenzene	10.12	112	276973	19.473	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	114917	20.499	ug/l	99
67) Ethyl Benzene	10.23	91	484366	20.025	ug/l	97
68) m/p-Xylenes	10.34	106	417551	46.249	ug/l	100
69) o-Xylene	10.68	106	180326	20.604	ug/l	100
70) Styrene	10.70	104	312812	20.988	ug/l	99
71) Bromoform	10.84	173	96696	20.222	ug/l	95
73) Isopropylbenzene	11.00	105	557685	22.396	ug/l	100
74) N-amyl acetate	10.88	43	230304	19.493	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	159429	18.149	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	158141m	18.831	ug/l	
77) Bromobenzene	11.24	156	144137	20.940	ug/l	93
78) n-propylbenzene	11.34	91	597866	21.145	ug/l	99
79) 2-Chlorotoluene	11.40	91	351622	20.129	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	446923	21.841	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	63035	20.272	ug/l	97
82) 4-Chlorotoluene	11.49	91	424662	20.449	ug/l	100
83) tert-Butylbenzene	11.76	119	408582	20.233	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	429153	20.513	ug/l	99
85) sec-Butylbenzene	11.93	105	502156	21.866	ug/l	98
86) p-Isopropyltoluene	12.05	119	466645	22.122	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	241483	19.982	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	234737	19.399	ug/l	99
89) n-Butylbenzene	12.37	91	385923	20.044	ug/l	98
90) Hexachloroethane	12.58	117	91555	22.060	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	221490	19.470	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	41343	18.823	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	155332	20.477	ug/l	97
94) Hexachlorobutadiene	13.77	225	64294	21.488	ug/l	98
95) Naphthalene	13.82	128	461351	18.480	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	150585	20.090	ug/l	99

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

