

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110619\
 Data File : VX013338.D
 Acq On : 06 Nov 2019 12:41
 Operator : JC/SP
 Sample : VX1106WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/7/2019 9:17:11 AM

Quant Time: Nov 07 02:34:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	725603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1105554	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	985857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	491150	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	414474	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
35) Dibromofluoromethane	5.48	113	335909	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
50) Toluene-d8	8.71	98	1296705	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
62) 4-Bromofluorobenzene	11.13	95	449879	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	162256	19.408	ug/l	98
3) Chloromethane	1.31	50	174570	19.255	ug/l	99
4) Vinyl Chloride	1.40	62	201927	19.563	ug/l	100
5) Bromomethane	1.62	94	117339	16.313	ug/l	97
6) Chloroethane	1.72	64	116890	19.074	ug/l	100
7) Trichlorofluoromethane	1.92	101	222400	18.238	ug/l	96
8) Diethyl Ether	2.17	74	96375	17.872	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	136113	20.026	ug/l	97
10) Methyl Iodide	2.50	142	147637	17.545	ug/l	98
11) Tert butyl alcohol	3.03	59	194159	85.694	ug/l	100
12) 1,1-Dichloroethene	2.36	96	130922	19.670	ug/l	94
13) Acrolein	2.28	56	93542	76.177	ug/l	98
14) Allyl chloride	2.72	41	235218	19.450	ug/l	98
15) Acrylonitrile	3.13	53	422360	99.795	ug/l	99
16) Acetone	2.43	43	423975	98.882	ug/l	99
17) Carbon Disulfide	2.56	76	337929	18.969	ug/l	99
18) Methyl Acetate	2.76	43	238054	20.110	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	445772	20.080	ug/l	97
20) Methylene Chloride	2.84	84	151153	19.080	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	139820	19.294	ug/l	99
22) Diisopropyl ether	3.84	45	479404	20.533	ug/l	99
23) Vinyl Acetate	3.80	43	1977906	99.002	ug/l	99
24) 1,1-Dichloroethane	3.69	63	259244	19.849	ug/l	97
25) 2-Butanone	4.65	43	620280	98.612	ug/l	99
26) 2,2-Dichloropropane	4.57	77	205466	19.775	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	161261	19.864	ug/l	99
28) Bromochloromethane	5.00	49	73510	19.823	ug/l	97
29) Tetrahydrofuran	5.11	42	380258	98.100	ug/l	100
30) Chloroform	5.20	83	257690	19.981	ug/l	99
31) Cyclohexane	5.57	56	231842	19.727	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	220358	19.854	ug/l	99
36) 1,1-Dichloropropene	5.79	75	186649	19.680	ug/l	99
37) Ethyl Acetate	4.82	43	224520	19.158	ug/l	98
38) Carbon Tetrachloride	5.78	117	185207	19.970	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	227760	19.273	ug/l	98
40) Benzene	6.14	78	591040	20.006	ug/l	96
41) Methacrylonitrile	5.03	41	125572	19.117	ug/l	98
42) 1,2-Dichloroethane	6.18	62	208495	19.565	ug/l	99
43) Isopropyl Acetate	6.43	43	360855	19.774	ug/l	99
44) Trichloroethene	7.20	130	155944	19.176	ug/l	91
45) 1,2-Dichloropropane	7.51	63	150520	19.996	ug/l	100
46) Dibromomethane	7.65	93	98342	19.134	ug/l	97
47) Bromodichloromethane	7.89	83	193582	19.974	ug/l	98
48) Methyl methacrylate	7.76	41	179058	19.656	ug/l	99
49) 1,4-Dioxane	7.73	88	77634	372.132	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1167448	97.506	ug/l	100
52) Toluene	8.78	92	371556	20.292	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	214497	20.240	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	236984	19.991	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	152558	20.101	ug/l	97
56) Ethyl methacrylate	9.17	69	239702	19.484	ug/l	97
57) 1,3-Dichloropropane	9.37	76	253696	19.691	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	505243	97.361	ug/l	99
59) 2-Hexanone	9.48	43	908141	98.151	ug/l	98
60) Dibromochloromethane	9.57	129	154575	19.914	ug/l	99
61) 1,2-Dibromoethane	9.67	107	159189	19.752	ug/l	98
64) Tetrachloroethene	9.33	164	143644	20.354	ug/l	99
65) Chlorobenzene	10.14	112	404155	20.249	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	146606	20.005	ug/l	100
67) Ethyl Benzene	10.24	91	693274	20.126	ug/l	99
68) m/p-Xylenes	10.35	106	526375	40.404	ug/l	99
69) o-Xylene	10.70	106	257454	20.185	ug/l	99
70) Styrene	10.71	104	439679	20.622	ug/l	99
71) Bromoform	10.85	173	119884	19.716	ug/l #	97
73) Isopropylbenzene	11.01	105	691997	21.250	ug/l	99
74) N-amyl acetate	10.89	43	313424	20.756	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	240320	20.229	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	196336m	19.681	ug/l	
77) Bromobenzene	11.25	156	178298	20.539	ug/l	98
78) n-propylbenzene	11.35	91	750555	20.691	ug/l	99
79) 2-Chlorotoluene	11.42	91	451935	20.679	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	570561	21.035	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	74970	19.344	ug/l	97
82) 4-Chlorotoluene	11.51	91	517384	20.223	ug/l	100
83) tert-Butylbenzene	11.76	119	581961	21.314	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	576241	21.178	ug/l	99
85) sec-Butylbenzene	11.94	105	650997	20.745	ug/l	99
86) p-Isopropyltoluene	12.06	119	603867	20.898	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	311785	20.149	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	316240	20.058	ug/l	100
89) n-Butylbenzene	12.38	91	496624	19.696	ug/l	99
90) Hexachloroethane	12.59	117	103025	20.011	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	316231	20.444	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	52773	18.233	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	214806	19.909	ug/l	97
94) Hexachlorobutadiene	13.77	225	97837	18.534	ug/l	99
95) Naphthalene	13.83	128	686190	20.270	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	216814	20.037	ug/l	99

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

