

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032019\
 Data File : VX008260.D
 Acq On : 20 Mar 2019 23:32
 Operator : JC/SP
 Sample : VX0320WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBS02

Manual Integrations
 APPROVED

MMDadoda
 3/22/2019 5:34:12 PM

Quant Time: Mar 22 07:43:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	278437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	467198	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	415454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192550	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	207327	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
35) Dibromofluoromethane	5.50	113	155248	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
50) Toluene-d8	8.71	98	591756	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	11.13	95	206770	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	69381	20.553	ug/l	100
3) Chloromethane	1.33	50	82911	19.573	ug/l	99
4) Vinyl Chloride	1.41	62	84337	19.969	ug/l	100
5) Bromomethane	1.64	94	59665	16.585	ug/l	98
6) Chloroethane	1.73	64	53878	20.346	ug/l	98
7) Trichlorofluoromethane	1.93	101	102612	19.038	ug/l	95
8) Diethyl Ether	2.19	74	60632	21.865	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	69552	19.436	ug/l	91
10) Methyl Iodide	2.51	142	94677	20.779	ug/l	96
11) Tert butyl alcohol	3.05	59	97577	108.694	ug/l	97
12) 1,1-Dichloroethene	2.38	96	69946	20.704	ug/l	92
13) Acrolein	2.29	56	44176	62.031	ug/l	97
14) Allyl chloride	2.73	41	150870	20.514	ug/l	92
15) Acrylonitrile	3.14	53	254858	107.331	ug/l	99
16) Acetone	2.45	43	226823	95.368	ug/l	97
17) Carbon Disulfide	2.57	76	214469	19.861	ug/l	100
18) Methyl Acetate	2.78	43	126353	22.947	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	258310	21.146	ug/l	99
20) Methylene Chloride	2.86	84	83397	21.028	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	75212	20.608	ug/l	96
22) Diisopropyl ether	3.86	45	305164	21.187	ug/l #	89
23) Vinyl Acetate	3.82	43	1308469	105.958	ug/l	97
24) 1,1-Dichloroethane	3.70	63	156328	21.102	ug/l	99
25) 2-Butanone	4.68	43	370389	105.498	ug/l	99
26) 2,2-Dichloropropane	4.59	77	89963	16.120	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	86755	20.851	ug/l	92
28) Bromochloromethane	5.02	49	66093	19.869	ug/l	84
29) Tetrahydrofuran	5.13	42	241764	110.156	ug/l	97
30) Chloroform	5.21	83	146695	21.169	ug/l	97
31) Cyclohexane	5.58	56	138664	19.933	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	120022	20.821	ug/l	96
36) 1,1-Dichloropropene	5.80	75	109967	20.217	ug/l	97
37) Ethyl Acetate	4.84	43	139541	21.702	ug/l	97
38) Carbon Tetrachloride	5.79	117	99333	20.496	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	121163	18.510	ug/l	93
40) Benzene	6.15	78	335844	20.861	ug/l	99
41) Methacrylonitrile	5.04	41	77992	21.624	ug/l	97
42) 1,2-Dichloroethane	6.20	62	122735	20.811	ug/l	96
43) Isopropyl Acetate	6.45	43	218888	21.238	ug/l	97
44) Trichloroethene	7.21	130	80583	20.471	ug/l	89
45) 1,2-Dichloropropane	7.51	63	93675	20.785	ug/l	99
46) Dibromomethane	7.66	93	56080	20.551	ug/l	88
47) Bromodichloromethane	7.90	83	108044	20.776	ug/l	97
48) Methyl methacrylate	7.77	41	115232	21.027	ug/l	93
49) 1,4-Dioxane	7.74	88	41818	432.426	ug/l	92
51) 4-Methyl-2-Pentanone	8.64	43	733423	110.073	ug/l	97
52) Toluene	8.79	92	198836	20.818	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	112872	18.260	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	127237	19.714	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	82528	21.386	ug/l	96
56) Ethyl methacrylate	9.18	69	134116	20.131	ug/l #	92
57) 1,3-Dichloropropane	9.37	76	144070	21.104	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	305278	96.552	ug/l	94
59) 2-Hexanone	9.49	43	557527	108.685	ug/l	95
60) Dibromochloromethane	9.58	129	78855	21.262	ug/l	99
61) 1,2-Dibromoethane	9.67	107	86480	21.462	ug/l	98
64) Tetrachloroethene	9.34	164	79088	21.100	ug/l	96
65) Chlorobenzene	10.14	112	209030	20.448	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	73600	20.650	ug/l	98
67) Ethyl Benzene	10.25	91	367849	20.420	ug/l	98
68) m/p-Xylenes	10.36	106	270735	40.913	ug/l	93
69) o-Xylene	10.69	106	133110	20.701	ug/l	95
70) Styrene	10.71	104	217087	20.774	ug/l	96
71) Bromoform	10.85	173	56242	19.710	ug/l #	100
73) Isopropylbenzene	11.02	105	354753	20.670	ug/l	98
74) N-amyl acetate	10.90	43	184747	20.545	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	127916	20.785	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	111476m	20.584	ug/l	
77) Bromobenzene	11.26	156	86488	20.842	ug/l	86
78) n-propylbenzene	11.36	91	404623	20.298	ug/l	96
79) 2-Chlorotoluene	11.42	91	246673	20.617	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	289832	20.440	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	34914	17.400	ug/l	88
82) 4-Chlorotoluene	11.51	91	279515	20.076	ug/l	95
83) tert-Butylbenzene	11.77	119	275150	20.325	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	296959	20.658	ug/l	98
85) sec-Butylbenzene	11.94	105	337654	20.141	ug/l	97
86) p-Isopropyltoluene	12.06	119	290144	19.994	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	149413	20.147	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	149448	19.482	ug/l	97
89) n-Butylbenzene	12.38	91	256433	18.828	ug/l	97
90) Hexachloroethane	12.60	117	49164	19.893	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	151398	20.247	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	27629	20.213	ug/l	78

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	95587	19.407	ug/l	99
94) Hexachlorobutadiene	13.78	225	46660	19.424	ug/l	99
95) Naphthalene	13.83	128	320814	20.637	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	97694	20.158	ug/l	98

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

