

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022119\
 Data File : VX007626.D
 Acq On : 21 Feb 2019 13:09
 Operator : JC/SP
 Sample : VX0221WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/22/2019 10:40:28 AM

Quant Time: Feb 22 05:43:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	432874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	648881	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	573948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	291348	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	221533	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
35) Dibromofluoromethane	5.51	113	209929	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
50) Toluene-d8	8.71	98	731417	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	
62) 4-Bromofluorobenzene	11.13	95	255538	44.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	84742	16.052	ug/l	95
3) Chloromethane	1.33	50	75434	15.471	ug/l	99
4) Vinyl Chloride	1.41	62	82597	17.268	ug/l	99
5) Bromomethane	1.64	94	75323	15.588	ug/l	99
6) Chloroethane	1.73	64	51679	16.702	ug/l	98
7) Trichlorofluoromethane	1.93	101	132882	17.759	ug/l	99
8) Diethyl Ether	2.19	74	50613	17.971	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	78239	17.578	ug/l	99
10) Methyl Iodide	2.51	142	101619	15.520	ug/l	99
11) Tert butyl alcohol	3.07	59	99180	104.306	ug/l	97
12) 1,1-Dichloroethene	2.38	96	70406	17.035	ug/l	99
13) Acrolein	2.30	56	34322	76.975	ug/l	97
14) Allyl chloride	2.73	41	120689	17.921	ug/l	97
15) Acrylonitrile	3.15	53	225511	95.871	ug/l	100
16) Acetone	2.45	43	208899	99.255	ug/l	96
17) Carbon Disulfide	2.57	76	157044	16.035	ug/l	99
18) Methyl Acetate	2.78	43	131451	24.280	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	251118	18.754	ug/l	98
20) Methylene Chloride	2.86	84	80456	18.467	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	73683	16.736	ug/l	95
22) Diisopropyl ether	3.87	45	248404	20.053	ug/l	98
23) Vinyl Acetate	3.82	43	1013338	98.580	ug/l	98
24) 1,1-Dichloroethane	3.70	63	139976	19.677	ug/l	99
25) 2-Butanone	4.70	43	321843	107.453	ug/l	99
26) 2,2-Dichloropropane	4.59	77	106041	19.574	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	90458	18.811	ug/l	98
28) Bromochloromethane	5.03	49	65370	19.982	ug/l	99
29) Tetrahydrofuran	5.15	42	202188	107.331	ug/l	98
30) Chloroform	5.21	83	149483	20.137	ug/l	96
31) Cyclohexane	5.58	56	109261	17.101	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	126358	20.166	ug/l	100
36) 1,1-Dichloropropene	5.80	75	97699	16.781	ug/l	99
37) Ethyl Acetate	4.85	43	115112	19.559	ug/l	98
38) Carbon Tetrachloride	5.78	117	108640	19.234	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	117909	16.739	ug/l	99
40) Benzene	6.14	78	315854	18.417	ug/l	99
41) Methacrylonitrile	5.06	41	62551	19.831	ug/l	97
42) 1,2-Dichloroethane	6.20	62	109707	18.489	ug/l	98
43) Isopropyl Acetate	6.46	43	178669	19.668	ug/l	98
44) Trichloroethene	7.21	130	93677	18.136	ug/l	96
45) 1,2-Dichloropropane	7.51	63	80211	18.667	ug/l	98
46) Dibromomethane	7.66	93	59403	19.021	ug/l	96
47) Bromodichloromethane	7.90	83	105126	19.862	ug/l	97
48) Methyl methacrylate	7.77	41	92446	20.345	ug/l	99
49) 1,4-Dioxane	7.75	88	44988	439.244	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	607408	101.571	ug/l	99
52) Toluene	8.79	92	198744	17.962	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	109663	19.289	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	123763	19.795	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	88962	19.288	ug/l	97
56) Ethyl methacrylate	9.18	69	120122	18.804	ug/l	99
57) 1,3-Dichloropropane	9.37	76	139611	19.034	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	338744	100.605	ug/l	100
59) 2-Hexanone	9.49	43	466232	100.189	ug/l	100
60) Dibromochloromethane	9.59	129	88305	20.243	ug/l	99
61) 1,2-Dibromoethane	9.67	107	92844	19.008	ug/l	100
64) Tetrachloroethene	9.34	164	90049	16.646	ug/l	99
65) Chlorobenzene	10.14	112	233976	18.681	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	87142	20.752	ug/l	99
67) Ethyl Benzene	10.25	91	365164	18.105	ug/l	99
68) m/p-Xylenes	10.36	106	285859	35.654	ug/l	100
69) o-Xylene	10.70	106	140574	18.221	ug/l	99
70) Styrene	10.71	104	229500	18.343	ug/l	99
71) Bromoform	10.85	173	66709	20.683	ug/l	100
73) Isopropylbenzene	11.02	105	377028	19.043	ug/l	99
74) N-amyl acetate	10.90	43	153975	20.107	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	133024	22.046	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	120947m	21.342	ug/l	
77) Bromobenzene	11.26	156	102644	18.400	ug/l	96
78) n-propylbenzene	11.36	91	413265	19.035	ug/l	99
79) 2-Chlorotoluene	11.42	91	246497	18.712	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	312124	19.270	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	34357	21.383	ug/l	95
82) 4-Chlorotoluene	11.51	91	287961	18.891	ug/l	99
83) tert-Butylbenzene	11.77	119	317477	19.797	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	317472	19.306	ug/l	100
85) sec-Butylbenzene	11.94	105	371676	19.149	ug/l	99
86) p-Isopropyltoluene	12.06	119	332941	19.002	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	181716	18.151	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	184933	18.208	ug/l	99
89) n-Butylbenzene	12.39	91	272084	18.052	ug/l	99
90) Hexachloroethane	12.60	117	54592	20.819	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	185955	18.664	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	25799	20.563	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	122041	18.163	ug/l	99
94) Hexachlorobutadiene	13.78	225	60071	18.412	ug/l	100
95) Naphthalene	13.83	128	377422	19.209	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	125242	18.518	ug/l	99

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

