

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012119\
 Data File : VX007151.D
 Acq On : 21 Jan 2019 11:50
 Operator : JC/SP
 Sample : VX0121WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0121WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/22/2019 10:56:04 AM

Quant Time: Jan 22 00:30:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	488453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	699618	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	646215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	360280	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	242169	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
35) Dibromofluoromethane	5.50	113	218898	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
50) Toluene-d8	8.71	98	806720	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.13	95	304826	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	80120	19.974	ug/l 98
3) Chloromethane	1.32	50	85293	18.266	ug/l 96
4) Vinyl Chloride	1.41	62	90861	18.089	ug/l 98
5) Bromomethane	1.64	94	95545	17.804	ug/l 92
6) Chloroethane	1.72	64	60315	17.197	ug/l 93
7) Trichlorofluoromethane	1.93	101	154665	19.057	ug/l 100
8) Diethyl Ether	2.19	74	57954	17.949	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	92853	19.109	ug/l 98
10) Methyl Iodide	2.51	142	112639	17.185	ug/l 99
11) Tert butyl alcohol	3.06	59	101076	83.938	ug/l 100
12) 1,1-Dichloroethene	2.37	96	82888	18.464	ug/l 96
13) Acrolein	2.29	56	52288	102.523	ug/l 98
14) Allyl chloride	2.73	41	138851	18.047	ug/l 98
15) Acrylonitrile	3.14	53	244690	88.516	ug/l 99
16) Acetone	2.44	43	221546	87.789	ug/l 99
17) Carbon Disulfide	2.57	76	178119	15.411	ug/l 99
18) Methyl Acetate	2.78	43	134992	18.471	ug/l 97
19) Methyl tert-butyl Ether	3.20	73	283891	18.220	ug/l 96
20) Methylene Chloride	2.85	84	94533	19.348	ug/l 96
21) trans-1,2-Dichloroethene	3.17	96	89584	17.907	ug/l 99
22) Diisopropyl ether	3.86	45	268826	18.586	ug/l 95
23) Vinyl Acetate	3.82	43	1107678	90.809	ug/l 99
24) 1,1-Dichloroethane	3.70	63	158621	19.612	ug/l 98
25) 2-Butanone	4.69	43	321420	89.013	ug/l 98
26) 2,2-Dichloropropane	4.58	77	116806	18.781	ug/l 99
27) cis-1,2-Dichloroethene	4.60	96	100005	18.123	ug/l 97
28) Bromochloromethane	5.01	49	71245	20.106	ug/l 98
29) Tetrahydrofuran	5.14	42	199108	84.847	ug/l 97
30) Chloroform	5.21	83	160863	18.997	ug/l 95
31) Cyclohexane	5.57	56	130854	18.178	ug/l 96
32) 1,1,1-Trichloroethane	5.49	97	135291	18.849	ug/l 98
36) 1,1-Dichloropropene	5.79	75	117616	19.336	ug/l 99
37) Ethyl Acetate	4.84	43	117811	18.066	ug/l 100
38) Carbon Tetrachloride	5.78	117	117511	19.202	ug/l 91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	144912	18.688	ug/l	96
40) Benzene	6.14	78	358804	19.332	ug/l	97
41) Methacrylonitrile	5.05	41	69316	18.451	ug/l	97
42) 1,2-Dichloroethane	6.20	62	123951	19.326	ug/l	100
43) Isopropyl Acetate	6.45	43	188008	18.278	ug/l	98
44) Trichloroethene	7.21	130	104849	18.852	ug/l	93
45) 1,2-Dichloropropane	7.51	63	89269	19.132	ug/l	96
46) Dibromomethane	7.66	93	63591	19.392	ug/l	97
47) Bromodichloromethane	7.90	83	110067	19.719	ug/l	100
48) Methyl methacrylate	7.77	41	99089	18.759	ug/l	96
49) 1,4-Dioxane	7.74	88	45104	368.478	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	645160	97.596	ug/l	99
52) Toluene	8.78	92	229604	19.247	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	119343	19.281	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	132756	19.422	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	99147	20.765	ug/l	99
56) Ethyl methacrylate	9.18	69	134829	19.343	ug/l	92
57) 1,3-Dichloropropane	9.37	76	155421	19.869	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	357422	99.729	ug/l	99
59) 2-Hexanone	9.49	43	493715	98.006	ug/l	99
60) Dibromochloromethane	9.58	129	94499	20.382	ug/l	98
61) 1,2-Dibromoethane	9.67	107	102632	19.525	ug/l	98
64) Tetrachloroethene	9.34	164	111790	19.981	ug/l	94
65) Chlorobenzene	10.13	112	274826	19.499	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	95636	20.171	ug/l	98
67) Ethyl Benzene	10.25	91	448913	19.293	ug/l	99
68) m/p-Xylenes	10.35	106	360721	39.349	ug/l	100
69) o-Xylene	10.69	106	179077	20.030	ug/l	99
70) Styrene	10.71	104	286103	20.206	ug/l	99
71) Bromoform	10.85	173	68448	19.338	ug/l #	98
73) Isopropylbenzene	11.02	105	474012	18.658	ug/l	99
74) N-amyl acetate	10.90	43	174271	17.038	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	142199	17.631	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	134526m	18.426	ug/l	
77) Bromobenzene	11.26	156	129960	18.566	ug/l	97
78) n-propylbenzene	11.36	91	536665	19.243	ug/l	100
79) 2-Chlorotoluene	11.42	91	320504	19.091	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	397548	18.728	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	34076	16.802	ug/l	89
82) 4-Chlorotoluene	11.51	91	370773	19.075	ug/l	99
83) tert-Butylbenzene	11.77	119	389483	18.390	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	407253	19.078	ug/l	100
85) sec-Butylbenzene	11.94	105	489210	19.341	ug/l	100
86) p-Isopropyltoluene	12.06	119	439978	19.447	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	235830	18.639	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	242855	20.345	ug/l	100
89) n-Butylbenzene	12.39	91	370514	19.211	ug/l	99
90) Hexachloroethane	12.60	117	62419	19.185	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	237328	19.008	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28221	17.692	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	164734	19.230	ug/l	99
94) Hexachlorobutadiene	13.78	225	79129	20.816	ug/l	99
95) Naphthalene	13.83	128	474597	18.283	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	163502	19.214	ug/l	99

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

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