

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062419\
 Data File : VX010409.D
 Acq On : 24 Jun 2019 13:41
 Operator : JC/SP
 Sample : VX0624WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0624WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/25/2019 9:01:45 AM

Quant Time: Jun 25 04:09:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	281063	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	420692	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	382810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	195405	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	132897	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
35) Dibromofluoromethane	5.50	113	128046	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
50) Toluene-d8	8.71	98	490473	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
62) 4-Bromofluorobenzene	11.13	95	176786	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	37917	19.405	ug/l	100
3) Chloromethane	1.33	50	42299	18.590	ug/l	98
4) Vinyl Chloride	1.41	62	44622	17.905	ug/l	100
5) Bromomethane	1.64	94	24242	19.966	ug/l	99
6) Chloroethane	1.72	64	28696	19.516	ug/l	93
7) Trichlorofluoromethane	1.93	101	78371	19.837	ug/l	99
8) Diethyl Ether	2.19	74	27721	19.566	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	45631	19.059	ug/l	99
10) Methyl Iodide	2.51	142	53800	15.746	ug/l	99
11) Tert butyl alcohol	3.04	59	69236	100.406	ug/l	99
12) 1,1-Dichloroethene	2.37	96	46910	19.255	ug/l	99
13) Acrolein	2.29	56	38030	83.137	ug/l	100
14) Allyl chloride	2.73	41	68779	19.886	ug/l	99
15) Acrylonitrile	3.14	53	134603	98.592	ug/l	99
16) Acetone	2.45	43	121045	91.652	ug/l	98
17) Carbon Disulfide	2.57	76	118057	18.063	ug/l	100
18) Methyl Acetate	2.78	43	52065	19.780	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	153875	20.078	ug/l	99
20) Methylene Chloride	2.86	84	54389	20.011	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	51060	19.487	ug/l	98
22) Diisopropyl ether	3.86	45	143538	19.849	ug/l	89
23) Vinyl Acetate	3.82	43	634365	101.546	ug/l	99
24) 1,1-Dichloroethane	3.70	63	82898	19.832	ug/l	99
25) 2-Butanone	4.67	43	187752	96.914	ug/l	99
26) 2,2-Dichloropropane	4.59	77	68819	18.953	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	59734	19.729	ug/l	99
28) Bromochloromethane	5.02	49	35320	17.673	ug/l	99
29) Tetrahydrofuran	5.13	42	118275	98.564	ug/l	99
30) Chloroform	5.21	83	89656	19.935	ug/l	99
31) Cyclohexane	5.58	56	74109	19.469	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	79417	19.998	ug/l	100
36) 1,1-Dichloropropene	5.81	75	64643	19.337	ug/l	98
37) Ethyl Acetate	4.84	43	70444	20.483	ug/l	100
38) Carbon Tetrachloride	5.79	117	70956	19.601	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	83743	19.057	ug/l	97
40) Benzene	6.14	78	204967	19.680	ug/l	99
41) Methacrylonitrile	5.05	41	37954	20.113	ug/l	98
42) 1,2-Dichloroethane	6.20	62	66059	20.836	ug/l	99
43) Isopropyl Acetate	6.45	43	115016	20.213	ug/l	99
44) Trichloroethene	7.21	130	60673	19.468	ug/l	99
45) 1,2-Dichloropropane	7.51	63	51587	19.614	ug/l	97
46) Dibromomethane	7.66	93	36935	19.573	ug/l	100
47) Bromodichloromethane	7.90	83	67678	19.570	ug/l	99
48) Methyl methacrylate	7.77	41	52947	20.019	ug/l	99
49) 1,4-Dioxane	7.74	88	30888	405.403	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	364336	100.115	ug/l	99
52) Toluene	8.79	92	135918	19.817	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	74129	19.119	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	82320	19.538	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	56508	19.977	ug/l	97
56) Ethyl methacrylate	9.18	69	84399	19.696	ug/l	99
57) 1,3-Dichloropropane	9.37	76	86994	19.812	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	201024	98.778	ug/l	99
59) 2-Hexanone	9.49	43	287531	100.390	ug/l	98
60) Dibromochloromethane	9.58	129	60714	19.170	ug/l	99
61) 1,2-Dibromoethane	9.67	107	59799	19.585	ug/l	100
64) Tetrachloroethene	9.34	164	60885	19.664	ug/l	98
65) Chlorobenzene	10.13	112	152658	19.643	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	56436	19.936	ug/l	98
67) Ethyl Benzene	10.25	91	258999	19.740	ug/l	99
68) m/p-Xylenes	10.36	106	202946	39.920	ug/l	99
69) o-Xylene	10.69	106	97643	19.531	ug/l	99
70) Styrene	10.71	104	166960	19.913	ug/l	100
71) Bromoform	10.85	173	47946	19.476	ug/l #	99
73) Isopropylbenzene	11.02	105	261058	19.708	ug/l	99
74) N-amyl acetate	10.90	43	99822	19.941	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	86691	19.762	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	72036m	20.230	ug/l	
77) Bromobenzene	11.26	156	71941	19.450	ug/l	99
78) n-propylbenzene	11.36	91	289823	19.908	ug/l	100
79) 2-Chlorotoluene	11.42	91	171047	19.731	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	218092	19.972	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	27084	17.744	ug/l	96
82) 4-Chlorotoluene	11.51	91	195926	19.862	ug/l	100
83) tert-Butylbenzene	11.77	119	216184	19.725	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	228427	20.821	ug/l	99
85) sec-Butylbenzene	11.94	105	251291	19.528	ug/l	100
86) p-Isopropyltoluene	12.06	119	232009	19.492	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	125218	19.395	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	125019	19.021	ug/l	99
89) n-Butylbenzene	12.38	91	194582	19.238	ug/l	99
90) Hexachloroethane	12.60	117	40259	19.560	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	127169	19.818	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19374	20.484	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	84744	19.044	ug/l	98
94) Hexachlorobutadiene	13.78	225	40863	18.789	ug/l	99
95) Naphthalene	13.83	128	278478	20.364	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	88641	20.035	ug/l	99

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

