

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061719\
 Data File : VX010319.D
 Acq On : 17 Jun 2019 13:12
 Operator : JC/SP
 Sample : VX0617WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/18/2019 11:26:30 AM

Quant Time: Jun 18 02:03:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	306170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	450365	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	406794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208785	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	150080	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
35) Dibromofluoromethane	5.50	113	151013	54.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.72%	
50) Toluene-d8	8.71	98	563674	54.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.28%	
62) 4-Bromofluorobenzene	11.13	95	203827	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	52937	18.791	ug/l	96
3) Chloromethane	1.33	50	50182	17.936	ug/l	100
4) Vinyl Chloride	1.41	62	54097	20.573	ug/l	99
5) Bromomethane	1.64	94	26707	26.915	ug/l	98
6) Chloroethane	1.73	64	31873	24.041	ug/l	94
7) Trichlorofluoromethane	1.93	101	87387	22.373	ug/l	99
8) Diethyl Ether	2.19	74	30260	22.477	ug/l	80
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51048	18.960	ug/l	91
10) Methyl Iodide	2.51	142	64177	15.384	ug/l	97
11) Tert butyl alcohol	3.05	59	77407	105.730	ug/l	98
12) 1,1-Dichloroethene	2.37	96	49871	18.134	ug/l #	77
13) Acrolein	2.29	56	9302	69.681	ug/l	100
14) Allyl chloride	2.73	41	75457	18.177	ug/l #	89
15) Acrylonitrile	3.15	53	146948	98.199	ug/l	99
16) Acetone	2.45	43	141610	100.744	ug/l #	86
17) Carbon Disulfide	2.57	76	122447	15.410	ug/l	97
18) Methyl Acetate	2.78	43	63007	20.382	ug/l #	82
19) Methyl tert-butyl Ether	3.20	73	166238	18.816	ug/l	93
20) Methylene Chloride	2.86	84	57344	18.576	ug/l #	78
21) trans-1,2-Dichloroethene	3.17	96	53524	17.587	ug/l #	79
22) Diisopropyl ether	3.86	45	155349	19.573	ug/l #	86
23) Vinyl Acetate	3.82	43	674900	95.319	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	89146	18.499	ug/l #	93
25) 2-Butanone	4.67	43	209943	100.301	ug/l #	83
26) 2,2-Dichloropropane	4.59	77	79795	18.151	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	64067	18.923	ug/l	78
28) Bromochloromethane	5.02	49	40827	18.904	ug/l #	46
29) Tetrahydrofuran	5.13	42	129549	98.483	ug/l #	76
30) Chloroform	5.21	83	95111	19.005	ug/l	94
31) Cyclohexane	5.58	56	78575	18.067	ug/l #	75
32) 1,1,1-Trichloroethane	5.49	97	85535	18.180	ug/l	94
36) 1,1-Dichloropropene	5.80	75	68000	18.507	ug/l	93
37) Ethyl Acetate	4.84	43	75167	19.662	ug/l #	90
38) Carbon Tetrachloride	5.79	117	76671	18.436	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	88598	17.708	ug/l #	81
40) Benzene	6.15	78	219571	19.326	ug/l	97
41) Methacrylonitrile	5.04	41	39949	19.318	ug/l #	82
42) 1,2-Dichloroethane	6.20	62	68440	18.869	ug/l	93
43) Isopropyl Acetate	6.45	43	123116	19.261	ug/l #	90
44) Trichloroethene	7.21	130	65376	19.089	ug/l	85
45) 1,2-Dichloropropane	7.51	63	56858	19.994	ug/l	97
46) Dibromomethane	7.66	93	40013	18.781	ug/l	91
47) Bromodichloromethane	7.90	83	74858	18.804	ug/l #	97
48) Methyl methacrylate	7.77	41	57281	19.162	ug/l #	77
49) 1,4-Dioxane	7.74	88	33311	390.835	ug/l #	80
51) 4-Methyl-2-Pentanone	8.64	43	400449	104.868	ug/l	90
52) Toluene	8.79	92	143618	19.230	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	83248	18.079	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	90054	18.243	ug/l	91
55) 1,1,2-Trichloroethane	9.21	97	61933	20.248	ug/l	97
56) Ethyl methacrylate	9.18	69	91293	18.895	ug/l #	83
57) 1,3-Dichloropropane	9.37	76	95037	19.736	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	186516	81.886	ug/l #	85
59) 2-Hexanone	9.49	43	315780	103.718	ug/l	88
60) Dibromochloromethane	9.58	129	69260	19.144	ug/l	99
61) 1,2-Dibromoethane	9.67	107	64841	19.034	ug/l	99
64) Tetrachloroethene	9.34	164	63609	21.053	ug/l	97
65) Chlorobenzene	10.14	112	164901	19.641	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	62410	19.330	ug/l	100
67) Ethyl Benzene	10.25	91	273595	19.142	ug/l	92
68) m/p-Xylenes	10.36	106	212946	38.501	ug/l	89
69) o-Xylene	10.69	106	106393	19.351	ug/l	87
70) Styrene	10.71	104	178223	19.140	ug/l	95
71) Bromoform	10.85	173	55364	18.652	ug/l #	99
73) Isopropylbenzene	11.02	105	280984	19.279	ug/l	96
74) N-amyl acetate	10.90	43	108148	18.771	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	97235	19.490	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	78946m	18.904	ug/l	
77) Bromobenzene	11.26	156	77542	19.347	ug/l	80
78) n-propylbenzene	11.36	91	303945	18.732	ug/l	94
79) 2-Chlorotoluene	11.42	91	179964	18.467	ug/l	89
80) 1,3,5-Trimethylbenzene	11.51	105	233236	19.000	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	31949	16.903	ug/l	85
82) 4-Chlorotoluene	11.51	91	209161	18.894	ug/l	91
83) tert-Butylbenzene	11.77	119	237406	19.108	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	235317	18.978	ug/l	95
85) sec-Butylbenzene	11.94	105	275233	19.014	ug/l	97
86) p-Isopropyltoluene	12.06	119	252176	19.056	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	133456	18.904	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	134965	18.965	ug/l	97
89) n-Butylbenzene	12.38	91	208873	18.337	ug/l	97
90) Hexachloroethane	12.60	117	46076	17.479	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	137914	20.095	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19968	17.008	ug/l	63

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	95544	19.018	ug/l	98
94) Hexachlorobutadiene	13.78	225	45892	20.540	ug/l	98
95) Naphthalene	13.83	128	299664	18.949	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	96453	19.418	ug/l	99

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

