

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061119\
 Data File : VX010225.D
 Acq On : 11 Jun 2019 12:21
 Operator : JC/SP
 Sample : VX0612WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/12/2019 9:21:42 AM

Quant Time: Jun 12 08:09:49 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	5.66	168	251550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	376318	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	341884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	177117	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	116062	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	
35) Dibromofluoromethane	5.50	113	116486	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
50) Toluene-d8	8.71	98	448082	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
62) 4-Bromofluorobenzene	11.13	95	160276	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	48326	20.879	ug/l	98
3) Chloromethane	1.33	50	45044	19.596	ug/l	98
4) Vinyl Chloride	1.41	62	47653	22.057	ug/l	100
5) Bromomethane	1.64	94	22925	28.120	ug/l	95
6) Chloroethane	1.72	64	27963	25.672	ug/l	100
7) Trichlorofluoromethane	1.93	101	74775	23.300	ug/l	100
8) Diethyl Ether	2.19	74	25975	23.484	ug/l	79
9) 1,1,2-Trichlorotrifluoroet	2.39	101	42409	19.171	ug/l	91
10) Methyl Iodide	2.51	142	66399	19.373	ug/l	96
11) Tert butyl alcohol	3.05	59	66805	111.062	ug/l	97
12) 1,1-Dichloroethene	2.37	96	42462	18.793	ug/l #	77
13) Acrolein	2.29	56	11884	108.352	ug/l	98
14) Allyl chloride	2.73	41	61743	18.103	ug/l #	87
15) Acrylonitrile	3.14	53	122715	99.811	ug/l	97
16) Acetone	2.45	43	106602	92.306	ug/l #	89
17) Carbon Disulfide	2.57	76	113376	17.366	ug/l	98
18) Methyl Acetate	2.78	43	49522	19.498	ug/l #	82
19) Methyl tert-butyl Ether	3.20	73	138022	19.014	ug/l	93
20) Methylene Chloride	2.85	84	48087	18.960	ug/l #	78
21) trans-1,2-Dichloroethene	3.17	96	45683	18.270	ug/l #	73
22) Diisopropyl ether	3.85	45	126357	19.377	ug/l #	92
23) Vinyl Acetate	3.82	43	563345	96.839	ug/l #	85
24) 1,1-Dichloroethane	3.70	63	74276	18.760	ug/l	95
25) 2-Butanone	4.67	43	167727	97.531	ug/l #	82
26) 2,2-Dichloropropane	4.58	77	63640	17.619	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	53003	19.054	ug/l	79
28) Bromochloromethane	5.01	49	35302	19.895	ug/l #	50
29) Tetrahydrofuran	5.13	42	106544	98.582	ug/l #	73
30) Chloroform	5.21	83	78336	19.052	ug/l	98
31) Cyclohexane	5.58	56	68259	19.103	ug/l #	74
32) 1,1,1-Trichloroethane	5.50	97	70314	18.190	ug/l	93
36) 1,1-Dichloropropene	5.81	75	57241	18.644	ug/l	92
37) Ethyl Acetate	4.84	43	61258	19.176	ug/l #	90
38) Carbon Tetrachloride	5.79	117	64146	18.459	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	77085	18.439	ug/l #	84
40) Benzene	6.14	78	186538	19.649	ug/l	98
41) Methacrylonitrile	5.04	41	33251	19.243	ug/l #	82
42) 1,2-Dichloroethane	6.19	62	56148	18.526	ug/l	91
43) Isopropyl Acetate	6.45	43	101692	19.040	ug/l #	89
44) Trichloroethene	7.21	130	56740	19.828	ug/l	86
45) 1,2-Dichloropropane	7.51	63	45428	19.118	ug/l	99
46) Dibromomethane	7.66	93	33250	18.678	ug/l #	88
47) Bromodichloromethane	7.90	83	61932	18.618	ug/l #	97
48) Methyl methacrylate	7.77	41	47246	18.915	ug/l #	75
49) 1,4-Dioxane	7.74	88	28287	397.194	ug/l #	80
51) 4-Methyl-2-Pentanone	8.64	43	325958	102.157	ug/l	89
52) Toluene	8.79	92	122385	19.611	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	68652	17.843	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	75122	18.212	ug/l #	89
55) 1,1,2-Trichloroethane	9.21	97	49988	19.559	ug/l	94
56) Ethyl methacrylate	9.18	69	78146	19.356	ug/l #	80
57) 1,3-Dichloropropane	9.37	76	77880	19.355	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	184564	96.973	ug/l #	85
59) 2-Hexanone	9.49	43	257551	101.238	ug/l	87
60) Dibromochloromethane	9.58	129	56968	18.845	ug/l	100
61) 1,2-Dibromoethane	9.67	107	55137	19.370	ug/l	99
64) Tetrachloroethene	9.34	164	50895	20.043	ug/l	98
65) Chlorobenzene	10.14	112	139655	19.792	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	52601	19.385	ug/l	99
67) Ethyl Benzene	10.25	91	231842	19.301	ug/l	95
68) m/p-Xylenes	10.36	106	184025	39.589	ug/l	88
69) o-Xylene	10.69	106	89726	19.418	ug/l	89
70) Styrene	10.71	104	152408	19.475	ug/l	94
71) Bromoform	10.85	173	45814	18.365	ug/l #	99
73) Isopropylbenzene	11.02	105	234466	18.964	ug/l	95
74) N-amyl acetate	10.90	43	92014	18.827	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	80199	18.949	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	65313m	18.436	ug/l	
77) Bromobenzene	11.26	156	65813	19.357	ug/l	79
78) n-propylbenzene	11.36	91	255543	18.565	ug/l	93
79) 2-Chlorotoluene	11.42	91	152347	18.428	ug/l	89
80) 1,3,5-Trimethylbenzene	11.51	105	195617	18.785	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	27336	17.048	ug/l	86
82) 4-Chlorotoluene	11.51	91	173880	18.516	ug/l	90
83) tert-Butylbenzene	11.77	119	198384	18.822	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	198779	18.897	ug/l	95
85) sec-Butylbenzene	11.94	105	228379	18.598	ug/l	95
86) p-Isopropyltoluene	12.06	119	210660	18.766	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	114137	19.058	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	114758	19.009	ug/l	98
89) n-Butylbenzene	12.38	91	178376	18.459	ug/l	97
90) Hexachloroethane	12.59	117	38319	17.135	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	115531	19.843	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17284	17.355	ug/l	64

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	79384	18.627	ug/l	99
94) Hexachlorobutadiene	13.78	225	38430	20.276	ug/l	99
95) Naphthalene	13.83	128	250867	18.699	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	80386	19.076	ug/l	99

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

