

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062519\
 Data File : VX010432.D
 Acq On : 25 Jun 2019 12:46
 Operator : JC/SP
 Sample : VX0625WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/1/2019 4:59:07 PM

Quant Time: Jun 26 01:47:19 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	272278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	402037	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	365555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	183570	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	124081	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
35) Dibromofluoromethane	5.50	113	121172	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
50) Toluene-d8	8.71	98	461804	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
62) 4-Bromofluorobenzene	11.13	95	165038	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	35542	18.776	ug/l	98
3) Chloromethane	1.33	50	39527	17.932	ug/l	97
4) Vinyl Chloride	1.41	62	44636	18.488	ug/l	98
5) Bromomethane	1.64	94	25336	21.541	ug/l	98
6) Chloroethane	1.72	64	26928	18.905	ug/l	97
7) Trichlorofluoromethane	1.93	101	74505	19.467	ug/l	99
8) Diethyl Ether	2.19	74	26567	19.357	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	44401	19.144	ug/l	99
10) Methyl Iodide	2.51	142	54096	16.343	ug/l	98
11) Tert butyl alcohol	3.04	59	63912	95.676	ug/l	99
12) 1,1-Dichloroethene	2.37	96	44156	18.710	ug/l	97
13) Acrolein	2.29	56	36661	82.731	ug/l	99
14) Allyl chloride	2.73	41	65624	19.586	ug/l	100
15) Acrylonitrile	3.14	53	129033	97.562	ug/l	98
16) Acetone	2.44	43	127452	99.617	ug/l	97
17) Carbon Disulfide	2.57	76	108644	17.159	ug/l	100
18) Methyl Acetate	2.78	43	50895	19.959	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	144998	19.530	ug/l	99
20) Methylene Chloride	2.85	84	50665	19.242	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	47811	18.836	ug/l	96
22) Diisopropyl ether	3.85	45	135360	19.322	ug/l	99
23) Vinyl Acetate	3.81	43	604316	99.857	ug/l	99
24) 1,1-Dichloroethane	3.70	63	79588	19.655	ug/l	99
25) 2-Butanone	4.67	43	186543	99.397	ug/l	100
26) 2,2-Dichloropropane	4.58	77	69179	19.666	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	56424	19.237	ug/l	99
28) Bromochloromethane	5.01	49	33625	17.368	ug/l	98
29) Tetrahydrofuran	5.13	42	113787	97.883	ug/l	99
30) Chloroform	5.21	83	84509	19.397	ug/l	99
31) Cyclohexane	5.58	56	69344	18.805	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	74537	19.375	ug/l	99
36) 1,1-Dichloropropene	5.80	75	61220	19.162	ug/l	99
37) Ethyl Acetate	4.84	43	64474	19.617	ug/l	99
38) Carbon Tetrachloride	5.78	117	66636	19.261	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	80025	19.056	ug/l	98
40) Benzene	6.14	78	194943	19.586	ug/l	98
41) Methacrylonitrile	5.04	41	35011	19.414	ug/l	98
42) 1,2-Dichloroethane	6.20	62	61967	20.452	ug/l	100
43) Isopropyl Acetate	6.45	43	107658	19.798	ug/l	99
44) Trichloroethene	7.21	130	57544	19.321	ug/l	98
45) 1,2-Dichloropropane	7.51	63	49119	19.542	ug/l	97
46) Dibromomethane	7.66	93	35682	19.786	ug/l	98
47) Bromodichloromethane	7.90	83	63766	19.294	ug/l	100
48) Methyl methacrylate	7.77	41	50514	19.985	ug/l	99
49) 1,4-Dioxane	7.74	88	29468	404.712	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	349365	100.456	ug/l	100
52) Toluene	8.79	92	126988	19.374	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	70097	18.918	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	77907	19.348	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	53779	19.894	ug/l	98
56) Ethyl methacrylate	9.18	69	79573	19.431	ug/l	99
57) 1,3-Dichloropropane	9.37	76	82848	19.743	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	201148	103.425	ug/l	100
59) 2-Hexanone	9.49	43	277373	101.337	ug/l	99
60) Dibromochloromethane	9.58	129	56910	18.802	ug/l	100
61) 1,2-Dibromoethane	9.67	107	57057	19.554	ug/l	98
64) Tetrachloroethene	9.34	164	58335	19.730	ug/l	97
65) Chlorobenzene	10.13	112	145665	19.628	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	54638	20.212	ug/l	99
67) Ethyl Benzene	10.25	91	244903	19.547	ug/l	100
68) m/p-Xylenes	10.36	106	187769	38.678	ug/l	98
69) o-Xylene	10.69	106	94377	19.768	ug/l	99
70) Styrene	10.71	104	158306	19.772	ug/l	99
71) Bromoform	10.85	173	43517	18.511	ug/l #	97
73) Isopropylbenzene	11.02	105	246231	19.787	ug/l	99
74) N-amyl acetate	10.90	43	94438	20.081	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	82376	19.989	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	69751m	20.852	ug/l	
77) Bromobenzene	11.26	156	67357	19.385	ug/l	99
78) n-propylbenzene	11.36	91	269862	19.732	ug/l	100
79) 2-Chlorotoluene	11.42	91	159355	19.567	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	204374	19.923	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	25647	17.886	ug/l	95
82) 4-Chlorotoluene	11.51	91	183921	19.847	ug/l	97
83) tert-Butylbenzene	11.77	119	205453	19.954	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	208217	20.203	ug/l	99
85) sec-Butylbenzene	11.94	105	239225	19.788	ug/l	99
86) p-Isopropyltoluene	12.06	119	223191	19.960	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	119084	19.634	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	118996	19.271	ug/l	99
89) n-Butylbenzene	12.38	91	184919	19.461	ug/l	99
90) Hexachloroethane	12.60	117	36439	18.846	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	118338	19.631	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16855	18.970	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	80428	19.239	ug/l	99
94) Hexachlorobutadiene	13.78	225	39802	19.481	ug/l	98
95) Naphthalene	13.83	128	253978	19.770	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	84065	20.226	ug/l	99

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

