

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002628.D
 Acq On : 16 Jun 2018 06:19
 Operator : JC/MD
 Sample : VX0615WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/18/2018 5:12:06 PM

Quant Time: Jun 16 07:26:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	155666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	273622	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	268991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	164021	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	156352	66.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.20%	
35) Dibromofluoromethane	5.51	113	117048	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	
50) Toluene-d8	8.72	98	424774	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
62) 4-Bromofluorobenzene	11.14	95	159825	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	20830	12.60	ug/l	100
3) Chloromethane	1.32	50	42773	21.76	ug/l	99
4) Vinyl Chloride	1.41	62	40587	19.90	ug/l	98
5) Bromomethane	1.64	94	29599	24.05	ug/l	99
6) Chloroethane	1.72	64	32586	24.24	ug/l	98
7) Trichlorofluoromethane	1.93	101	55118	16.63	ug/l	95
8) Diethyl Ether	2.19	74	33655	26.70	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	25811	13.93	ug/l	100
10) Methyl Iodide	2.51	142	48789	22.67	ug/l	98
11) Tert butyl alcohol	3.07	59	64502	131.90	ug/l	98
12) 1,1-Dichloroethene	2.37	96	34697	19.95	ug/l	98
13) Acrolein	2.30	56	25711	115.94	ug/l	99
14) Allyl chloride	2.73	41	79986	23.16	ug/l	99
15) Acrylonitrile	3.15	53	140740	131.89	ug/l	100
16) Acetone	2.45	43	132706	127.16	ug/l	99
17) Carbon Disulfide	2.57	76	78946	19.14	ug/l	98
18) Methyl Acetate	2.78	43	77861	28.00	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	174794	26.79	ug/l	96
20) Methylene Chloride	2.86	84	52913	24.73	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	43089	22.84	ug/l	97
22) Diisopropyl ether	3.87	45	159356	25.50	ug/l	93
23) Vinyl Acetate	3.83	43	663718	126.92	ug/l	100
24) 1,1-Dichloroethane	3.70	63	85711	25.27	ug/l	97
25) 2-Butanone	4.71	43	181435	132.38	ug/l	98
26) 2,2-Dichloropropane	4.59	77	36135	14.83	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	48616	25.32	ug/l	96
28) Bromochloromethane	5.03	49	39920	25.14	ug/l	97
29) Tetrahydrofuran	5.17	42	116977	130.23	ug/l	97
30) Chloroform	5.22	83	85024	26.00	ug/l	98
31) Cyclohexane	5.58	56	40751	14.59	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	61021	22.31	ug/l	99
36) 1,1-Dichloropropene	5.80	75	46867	16.13	ug/l	98
37) Ethyl Acetate	4.87	43	70119	21.32	ug/l	98
38) Carbon Tetrachloride	5.79	117	48040	16.60	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	36679	10.80	ug/l	95
40) Benzene	6.15	78	178917	20.53	ug/l	100
41) Methacrylonitrile	5.07	41	40441	21.78	ug/l	98
42) 1,2-Dichloroethane	6.20	62	76970	22.82	ug/l	99
43) Isopropyl Acetate	6.47	43	116684	21.41	ug/l	99
44) Trichloroethene	7.22	130	47077	18.72	ug/l	98
45) 1,2-Dichloropropane	7.52	63	48764	21.26	ug/l	99
46) Dibromomethane	7.67	93	34857	22.72	ug/l	98
47) Bromodichloromethane	7.90	83	59693	22.06	ug/l	97
48) Methyl methacrylate	7.78	41	60424	21.70	ug/l	97
49) 1,4-Dioxane	7.76	88	23646	448.37	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	387343	110.70	ug/l	99
52) Toluene	8.79	92	114836	20.66	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	65211	19.73	ug/l	97
54) cis-1,3-Dichloropropene	9.04	75	58460	19.22	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	51769	23.05	ug/l	97
56) Ethyl methacrylate	9.18	69	76574	22.15	ug/l	98
57) 1,3-Dichloropropane	9.38	76	84245	22.18	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	181699	108.69	ug/l	100
59) 2-Hexanone	9.50	43	292298	110.86	ug/l	100
60) Dibromochloromethane	9.59	129	47103	21.00	ug/l	100
61) 1,2-Dibromoethane	9.68	107	52980	22.78	ug/l	99
64) Tetrachloroethene	9.34	164	51054	17.10	ug/l	95
65) Chlorobenzene	10.14	112	135411	20.50	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	49397	21.93	ug/l	98
67) Ethyl Benzene	10.26	91	214093	19.21	ug/l	99
68) m/p-Xylenes	10.36	106	167542	38.98	ug/l	99
69) o-Xylene	10.70	106	84971	20.12	ug/l	100
70) Styrene	10.71	104	142186	20.47	ug/l	99
71) Bromoform	10.86	173	33869	19.76	ug/l #	100
73) Isopropylbenzene	11.02	105	208320	18.99	ug/l	100
74) N-amyl acetate	6.47	43	116684	21.41	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	75666	23.36	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	71336m	23.05	ug/l	
77) Bromobenzene	11.26	156	66055	21.61	ug/l	99
78) n-propylbenzene	11.37	91	231008	18.36	ug/l	100
79) 2-Chlorotoluene	11.43	91	151517	20.17	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	183105	19.75	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	14119	17.56	ug/l	87
82) 4-Chlorotoluene	11.51	91	177311	20.01	ug/l	99
83) tert-Butylbenzene	11.77	119	168565	18.87	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	193325	20.44	ug/l	99
85) sec-Butylbenzene	11.95	105	190534	17.16	ug/l	99
86) p-Isopropyltoluene	12.07	119	176505	17.57	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	112035	19.99	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	116053	20.35	ug/l	100
89) n-Butylbenzene	12.39	91	139681	15.76	ug/l	99
90) Hexachloroethane	12.60	117	24514	17.45	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	120011	21.28	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14443	21.28	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	79547	19.43	ug/l	100
94) Hexachlorobutadiene	13.79	225	28977	13.44	ug/l	99
95) Naphthalene	13.84	128	244286	22.17	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	83742	20.37	ug/l	99

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

