

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002604.D
 Acq On : 15 Jun 2018 18:50
 Operator : JC/MD
 Sample : VX0615WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/18/2018 5:12:03 PM

Quant Time: Jun 16 02:01:04 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	234592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	335294	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	317369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	195921	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	171310	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
35) Dibromofluoromethane	5.51	113	132989	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
50) Toluene-d8	8.72	98	510715	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
62) 4-Bromofluorobenzene	11.14	95	189206	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	47561	19.10	ug/l	99
3) Chloromethane	1.32	50	56251	18.99	ug/l	98
4) Vinyl Chloride	1.40	62	61485	20.00	ug/l	98
5) Bromomethane	1.64	94	41083	22.15	ug/l	100
6) Chloroethane	1.72	64	38954	19.22	ug/l	99
7) Trichlorofluoromethane	1.93	101	99927	20.01	ug/l	98
8) Diethyl Ether	2.19	74	36544	19.24	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	55286	19.80	ug/l	98
10) Methyl Iodide	2.51	142	56486	18.62	ug/l	97
11) Tert butyl alcohol	3.08	59	75851	102.92	ug/l	98
12) 1,1-Dichloroethene	2.37	96	50792	19.38	ug/l	99
13) Acrolein	2.29	56	31526	95.61	ug/l	99
14) Allyl chloride	2.73	41	101598	19.52	ug/l	98
15) Acrylonitrile	3.15	53	160599	99.86	ug/l	99
16) Acetone	2.45	43	146395	93.08	ug/l	98
17) Carbon Disulfide	2.57	76	118982	19.14	ug/l	99
18) Methyl Acetate	2.78	43	83945	20.03	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	193969	19.73	ug/l	99
20) Methylene Chloride	2.86	84	58413	18.11	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	56736	19.95	ug/l	94
22) Diisopropyl ether	3.88	45	178463	18.95	ug/l	99
23) Vinyl Acetate	3.83	43	758747	96.27	ug/l	100
24) 1,1-Dichloroethane	3.70	63	101623	19.88	ug/l	100
25) 2-Butanone	4.71	43	208372	100.88	ug/l	100
26) 2,2-Dichloropropane	4.59	77	68098	18.54	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	56594	19.56	ug/l	98
28) Bromochloromethane	5.03	49	46776	19.54	ug/l	98
29) Tetrahydrofuran	5.17	42	136505	100.84	ug/l	98
30) Chloroform	5.22	83	97517	19.79	ug/l	98
31) Cyclohexane	5.57	56	83475	19.84	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	83170	20.18	ug/l	98
36) 1,1-Dichloropropene	5.80	75	69912	19.63	ug/l	99
37) Ethyl Acetate	4.87	43	79984	19.84	ug/l	98
38) Carbon Tetrachloride	5.79	117	72758	20.52	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	84931	20.40	ug/l	99
40) Benzene	6.15	78	210110	19.68	ug/l	100
41) Methacrylonitrile	5.07	41	45302	19.91	ug/l	98
42) 1,2-Dichloroethane	6.20	62	82623	19.99	ug/l	99
43) Isopropyl Acetate	6.47	43	132992	19.92	ug/l	99
44) Trichloroethene	7.22	130	60714	19.70	ug/l	95
45) 1,2-Dichloropropane	7.52	63	55898	19.89	ug/l	99
46) Dibromomethane	7.67	93	37929	20.18	ug/l	98
47) Bromodichloromethane	7.90	83	66091	19.93	ug/l	98
48) Methyl methacrylate	7.78	41	67571	19.80	ug/l	99
49) 1,4-Dioxane	7.76	88	26823	415.06	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	435673	101.61	ug/l	99
52) Toluene	8.79	92	136819	20.09	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	78588	19.44	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	70598	18.99	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	56097	20.38	ug/l	98
56) Ethyl methacrylate	9.18	69	85224	20.12	ug/l	99
57) 1,3-Dichloropropane	9.38	76	91173	19.59	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	205324	100.23	ug/l	100
59) 2-Hexanone	9.50	43	335293	103.78	ug/l	99
60) Dibromochloromethane	9.59	129	51532	19.15	ug/l	100
61) 1,2-Dibromoethane	9.68	107	58070	20.37	ug/l	99
64) Tetrachloroethene	9.34	164	67246	19.09	ug/l	97
65) Chlorobenzene	10.14	112	155576	19.96	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	54594	20.55	ug/l	100
67) Ethyl Benzene	10.26	91	266548	20.28	ug/l	99
68) m/p-Xylenes	10.36	106	205066	40.44	ug/l	99
69) o-Xylene	10.70	106	100040	20.08	ug/l	98
70) Styrene	10.71	104	164003	20.02	ug/l	99
71) Bromoform	10.86	173	37744	18.93	ug/l #	99
73) Isopropylbenzene	11.02	105	272009	20.76	ug/l	100
74) N-amyl acetate	6.47	43	132992	20.43	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	81416	21.04	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	71755m	19.41	ug/l	
77) Bromobenzene	11.26	156	73648	20.17	ug/l	98
78) n-propylbenzene	11.37	91	308500	20.53	ug/l	100
79) 2-Chlorotoluene	11.43	91	182072	20.29	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	226154	20.42	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	18758	19.06	ug/l	88
82) 4-Chlorotoluene	11.51	91	217323	20.53	ug/l	99
83) tert-Butylbenzene	11.77	119	220535	20.67	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	232545	20.58	ug/l	98
85) sec-Butylbenzene	11.95	105	277818	20.94	ug/l	100
86) p-Isopropyltoluene	12.07	119	246543	20.54	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	134198	20.05	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	136326	20.01	ug/l	100
89) n-Butylbenzene	12.39	91	212976	20.12	ug/l	99
90) Hexachloroethane	12.60	117	33391	19.54	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	136444	20.25	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16566	20.44	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	97390	19.92	ug/l	99
94) Hexachlorobutadiene	13.79	225	52970	20.56	ug/l	100
95) Naphthalene	13.84	128	278035	21.13	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	99836	20.33	ug/l	100

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

