

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062618\
 Data File : VX002898.D
 Acq On : 26 Jun 2018 15:42
 Operator : JC/MD
 Sample : VX0626WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0626WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 3:12:07 PM

Quant Time: Jun 27 03:43:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	262442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	363503	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	346157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	213736	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	186014	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
35) Dibromofluoromethane	5.51	113	147981	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
50) Toluene-d8	8.72	98	533526	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
62) 4-Bromofluorobenzene	11.14	95	201428	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	43826	18.51	ug/l	99
3) Chloromethane	1.32	50	46965	18.55	ug/l	99
4) Vinyl Chloride	1.40	62	53261	17.95	ug/l	89
5) Bromomethane	1.64	94	25672	16.72	ug/l	97
6) Chloroethane	1.72	64	35907	19.32	ug/l	99
7) Trichlorofluoromethane	1.93	101	95731	19.12	ug/l	99
8) Diethyl Ether	2.19	74	34410	18.91	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53366	18.40	ug/l	99
10) Methyl Iodide	2.51	142	38068	17.55	ug/l	98
11) Tert butyl alcohol	3.07	59	74173	102.64	ug/l	99
12) 1,1-Dichloroethene	2.37	96	47030	18.17	ug/l	96
13) Acrolein	2.29	56	51415	130.40	ug/l	100
14) Allyl chloride	2.73	41	97285	19.07	ug/l	99
15) Acrylonitrile	3.15	53	154031	99.79	ug/l	100
16) Acetone	2.45	43	164015	109.18	ug/l	100
17) Carbon Disulfide	2.57	76	126279	18.31	ug/l	96
18) Methyl Acetate	2.78	43	90043	21.44	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	179418	19.28	ug/l	100
20) Methylene Chloride	2.86	84	55789	19.08	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	51909	18.41	ug/l	97
22) Diisopropyl ether	3.87	45	186788	19.15	ug/l	95
23) Vinyl Acetate	3.82	43	784517	95.00	ug/l	99
24) 1,1-Dichloroethane	3.70	63	102965	19.42	ug/l	99
25) 2-Butanone	4.71	43	227851	102.20	ug/l	98
26) 2,2-Dichloropropane	4.59	77	80623	18.70	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	59603	18.86	ug/l	98
28) Bromochloromethane	5.02	49	51294	20.22	ug/l	98
29) Tetrahydrofuran	5.17	42	140310	98.14	ug/l	98
30) Chloroform	5.22	83	106262	19.53	ug/l	100
31) Cyclohexane	5.57	56	83568	18.37	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	91692	19.16	ug/l	99
36) 1,1-Dichloropropene	5.80	75	73232	18.37	ug/l	99
37) Ethyl Acetate	4.87	43	84815	19.76	ug/l	100
38) Carbon Tetrachloride	5.79	117	81857	18.71	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	85588	18.43	ug/l	96
40) Benzene	6.15	78	222095	19.18	ug/l	98
41) Methacrylonitrile	5.07	41	47528	19.23	ug/l	98
42) 1,2-Dichloroethane	6.20	62	88293	18.87	ug/l	99
43) Isopropyl Acetate	6.47	43	135882	18.88	ug/l	99
44) Trichloroethene	7.22	130	63387	18.36	ug/l	100
45) 1,2-Dichloropropane	7.52	63	58787	19.13	ug/l	98
46) Dibromomethane	7.67	93	40309	18.90	ug/l	98
47) Bromodichloromethane	7.90	83	75194	19.08	ug/l	98
48) Methyl methacrylate	7.78	41	70696	19.06	ug/l	99
49) 1,4-Dioxane	7.76	88	28280	391.90	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	449383	99.78	ug/l	100
52) Toluene	8.79	92	142633	19.22	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	85662	19.19	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	78521	18.28	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	59205	19.42	ug/l	99
56) Ethyl methacrylate	9.18	69	84741	19.02	ug/l	97
57) 1,3-Dichloropropane	9.38	76	97148	19.40	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	216461	100.69	ug/l	98
59) 2-Hexanone	9.50	43	344601	100.68	ug/l	98
60) Dibromochloromethane	9.59	129	60164	18.74	ug/l	99
61) 1,2-Dibromoethane	9.68	107	61098	19.10	ug/l	98
64) Tetrachloroethene	9.34	164	72578	18.86	ug/l	96
65) Chlorobenzene	10.14	112	164764	18.74	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	60592	18.97	ug/l	100
67) Ethyl Benzene	10.26	91	277195	19.08	ug/l	100
68) m/p-Xylenes	10.36	106	212493	37.96	ug/l	100
69) o-Xylene	10.70	106	103569	19.00	ug/l	100
70) Styrene	10.71	104	169872	19.18	ug/l	99
71) Bromoform	10.86	173	47369	19.04	ug/l	99
73) Isopropylbenzene	11.02	105	286386	19.92	ug/l	100
74) N-amyl acetate	6.47	43	135882	19.31	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	88553	19.99	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	87169m	22.52	ug/l	
77) Bromobenzene	11.26	156	78156	19.09	ug/l	99
78) n-propylbenzene	11.37	91	323097	19.74	ug/l	100
79) 2-Chlorotoluene	11.43	91	192954	19.47	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	240281	19.84	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	20186	17.47	ug/l	91
82) 4-Chlorotoluene	11.51	91	226310	19.29	ug/l	99
83) tert-Butylbenzene	11.77	119	235361	19.72	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	245055	19.53	ug/l	99
85) sec-Butylbenzene	11.95	105	285921	19.75	ug/l	100
86) p-Isopropyltoluene	12.07	119	260000	19.97	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	143751	19.22	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	145610	18.92	ug/l	100
89) n-Butylbenzene	12.39	91	214107	18.90	ug/l	100
90) Hexachloroethane	12.60	117	35335	18.25	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	144111	19.09	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18551	18.63	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	103410	18.82	ug/l	100
94) Hexachlorobutadiene	13.79	225	50280	18.35	ug/l	99
95) Naphthalene	13.84	128	288632	19.73	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	104882	19.11	ug/l	99

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

