

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070718\
 Data File : VW003748.D
 Acq On : 06 Jul 2018 23:14
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

apatel
 7/9/2018 9:50:47 AM

Quant Time: Jul 07 04:03:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 03:50:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	202005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	327218	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	311723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	169892	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	28319	11.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	23.14%	
35) Dibromofluoromethane	7.88	113	24232	11.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	22.48%	
50) Toluene-d8	10.33	98	90638	10.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.48%	
62) 4-Bromofluorobenzene	12.63	95	32895	10.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	10360	10.68	ug/l	84
3) Chloromethane	2.21	50	21775	13.39	ug/l	96
4) Vinyl Chloride	2.36	62	27200	12.29	ug/l	100
5) Bromomethane	2.78	94	19379	13.16	ug/l	94
6) Chloroethane	2.92	64	15583	11.72	ug/l	96
7) Trichlorofluoromethane	3.25	101	11208	9.88	ug/l	99
8) Diethyl Ether	3.68	74	10936	10.34	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.04	101	22131	11.34	ug/l	99
10) Methyl Iodide	4.26	142	31016	10.84	ug/l	99
11) Tert butyl alcohol	5.23	59	7824	52.03	ug/l #	92
12) 1,1-Dichloroethene	4.03	96	21418	11.05	ug/l	93
13) Acrolein	3.89	56	11356	116.25	ug/l	99
14) Allyl chloride	4.65	41	35481	10.69	ug/l	98
15) Acrylonitrile	5.38	53	27160	53.13	ug/l	98
16) Acetone	4.14	43	25881	45.56	ug/l	96
17) Carbon Disulfide	4.37	76	69580	11.95	ug/l	99
18) Methyl Acetate	4.67	43	13472	9.55	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	39098	10.17	ug/l	99
20) Methylene Chloride	4.91	84	32446	12.34	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	23776	11.14	ug/l	93
22) Diisopropyl ether	6.31	45	72706	10.56	ug/l	94
23) Vinyl Acetate	6.26	43	215623	51.39	ug/l	100
24) 1,1-Dichloroethane	6.21	63	46166	11.28	ug/l	99
25) 2-Butanone	7.18	43	35629	47.84	ug/l	99
26) 2,2-Dichloropropane	7.17	77	25659	10.41	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	25115	10.77	ug/l	99
28) Bromochloromethane	7.51	49	20628	11.54	ug/l	98
29) Tetrahydrofuran	7.54	42	22304	49.40	ug/l	99
30) Chloroform	7.68	83	46990	11.34	ug/l	97
31) Cyclohexane	7.95	56	40080	10.83	ug/l #	84
32) 1,1,1-Trichloroethane	7.87	97	35416	11.02	ug/l	99
36) 1,1-Dichloropropene	8.08	75	34789	10.50	ug/l	99
37) Ethyl Acetate	7.26	43	17934	11.03	ug/l	97
38) Carbon Tetrachloride	8.07	117	33830	10.74	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	36853	9.72	ug/l	98
40) Benzene	8.32	78	101782	10.89	ug/l	100
41) Methacrylonitrile	7.49	41	9858	10.62	ug/l	96
42) 1,2-Dichloroethane	8.40	62	32939	11.12	ug/l	98
43) Isopropyl Acetate	8.43	43	32359	10.52	ug/l	100
44) Trichloroethene	9.09	130	26544	11.01	ug/l	99
45) 1,2-Dichloropropane	9.37	63	26248	10.80	ug/l	96
46) Dibromomethane	9.46	93	13935	10.99	ug/l	99
47) Bromodichloromethane	9.65	83	34258	10.98	ug/l	96
48) Methyl methacrylate	9.44	41	14437	9.87	ug/l	98
49) 1,4-Dioxane	9.48	88	4135	209.38	ug/l #	92
51) 4-Methyl-2-Pentanone	10.21	43	79818	49.09	ug/l	98
52) Toluene	10.39	92	62023	10.65	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	32411	10.04	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	37522	10.28	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	19217	10.78	ug/l	94
56) Ethyl methacrylate	10.65	69	21059	9.38	ug/l	98
57) 1,3-Dichloropropane	10.94	76	33523	10.81	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	45990	46.12	ug/l	100
59) 2-Hexanone	10.98	43	53783	46.47	ug/l	96
60) Dibromochloromethane	11.13	129	21930	10.50	ug/l	98
61) 1,2-Dibromoethane	11.24	107	18313	10.70	ug/l	100
64) Tetrachloroethene	10.87	164	23017	10.73	ug/l	97
65) Chlorobenzene	11.66	112	70723	10.69	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	24550	10.64	ug/l	98
67) Ethyl Benzene	11.74	91	114983	9.96	ug/l	100
68) m/p-Xylenes	11.84	106	88161	20.04	ug/l	100
69) o-Xylene	12.18	106	39836	9.78	ug/l	99
70) Styrene	12.19	104	66390	9.69	ug/l	98
71) Bromoform	12.35	173	13563	10.49	ug/l #	100
73) Isopropylbenzene	12.47	105	109921	9.49	ug/l	99
74) N-amyl acetate	12.28	43	28502	9.22	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	23639	10.31	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	18314m	11.91	ug/l	
77) Bromobenzene	12.75	156	28353	10.19	ug/l	96
78) n-propylbenzene	12.81	91	139204	9.72	ug/l	99
79) 2-Chlorotoluene	12.90	91	82653	10.15	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	96467	9.82	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	6691	9.26	ug/l	99
82) 4-Chlorotoluene	12.99	91	89643	10.32	ug/l	100
83) tert-Butylbenzene	13.21	119	76938	9.31	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	100904	9.98	ug/l	98
85) sec-Butylbenzene	13.39	105	116708	9.50	ug/l	100
86) p-Isopropyltoluene	13.51	119	101678	9.45	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	58823	10.39	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	60097	10.62	ug/l	96
89) n-Butylbenzene	13.84	91	99252	9.35	ug/l	97
90) Hexachloroethane	14.10	117	20079	10.03	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	52490	10.35	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4046	10.10	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	34792	9.76	ug/l	98
94) Hexachlorobutadiene	15.25	225	20567	10.06	ug/l	95
95) Naphthalene	15.38	128	56230	8.64	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	31791	9.98	ug/l	99

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

