

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082118\
 Data File : VW004862.D
 Acq On : 22 Aug 2018 02:20
 Operator : SY/AP
 Sample : VW0821SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS02

Manual Integrations
 APPROVED

apatel
 8/22/2018 11:25:31 AM

Quant Time: Aug 22 07:27:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	572861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	887940	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	828627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	442717	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	297191	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
35) Dibromofluoromethane	7.89	113	298390	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	
50) Toluene-d8	10.33	98	1206282	54.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.90%	
62) 4-Bromofluorobenzene	12.62	95	431899	54.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	74183	19.55	ug/l	96
3) Chloromethane	2.21	50	102411	20.64	ug/l	96
4) Vinyl Chloride	2.37	62	166509	22.80	ug/l	100
5) Bromomethane	2.78	94	101055	22.41	ug/l	100
6) Chloroethane	2.92	64	98872	22.44	ug/l	99
7) Trichlorofluoromethane	3.26	101	78020	22.68	ug/l	99
8) Diethyl Ether	3.68	74	69392	22.31	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	131142	22.14	ug/l	100
10) Methyl Iodide	4.27	142	202954	22.56	ug/l	100
11) Tert butyl alcohol	5.24	59	32478	104.96	ug/l #	94
12) 1,1-Dichloroethene	4.03	96	129024	21.86	ug/l	98
13) Acrolein	3.90	56	41488	99.92	ug/l	98
14) Allyl chloride	4.67	41	195607	21.83	ug/l	99
15) Acrylonitrile	5.37	53	144051	110.43	ug/l	98
16) Acetone	4.14	43	139724	98.83	ug/l	99
17) Carbon Disulfide	4.37	76	419487	21.62	ug/l	98
18) Methyl Acetate	4.68	43	68209	22.51	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	172617	22.53	ug/l	96
20) Methylene Chloride	4.91	84	161093	22.59	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	138359	22.03	ug/l	99
22) Diisopropyl ether	6.32	45	402000	23.35	ug/l	99
23) Vinyl Acetate	6.26	43	1050806	107.89	ug/l	98
24) 1,1-Dichloroethane	6.21	63	250082	22.35	ug/l	99
25) 2-Butanone	7.18	43	211592	105.04	ug/l	97
26) 2,2-Dichloropropane	7.17	77	136094	21.06	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	150546	22.26	ug/l	99
28) Bromochloromethane	7.51	49	101646	21.57	ug/l	99
29) Tetrahydrofuran	7.54	42	110453	107.53	ug/l	99
30) Chloroform	7.68	83	245358	22.29	ug/l	97
31) Cyclohexane	7.96	56	230876	21.33	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	196190	22.49	ug/l	98
36) 1,1-Dichloropropene	8.09	75	194597	21.27	ug/l	100
37) Ethyl Acetate	7.26	43	75381	20.67	ug/l	99
38) Carbon Tetrachloride	8.07	117	179165	21.28	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	234680	20.52	ug/l	100
40) Benzene	8.33	78	577761	21.73	ug/l	99
41) Methacrylonitrile	7.49	41	47433	22.92	ug/l	98
42) 1,2-Dichloroethane	8.40	62	146612	21.51	ug/l	99
43) Isopropyl Acetate	8.43	43	136706	20.87	ug/l	99
44) Trichloroethene	9.10	130	146436	21.70	ug/l	94
45) 1,2-Dichloropropane	9.37	63	141804	21.81	ug/l	99
46) Dibromomethane	9.46	93	69145	21.46	ug/l	99
47) Bromodichloromethane	9.65	83	162785	21.16	ug/l	99
48) Methyl methacrylate	9.44	41	63947	20.81	ug/l	96
49) 1,4-Dioxane	9.48	88	21964	466.66	ug/l #	82
51) 4-Methyl-2-Pentanone	10.21	43	477879	107.96	ug/l	98
52) Toluene	10.39	92	353195	22.15	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	159548	20.58	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	195640	21.17	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	101323	22.13	ug/l	99
56) Ethyl methacrylate	10.65	69	112376	20.64	ug/l	98
57) 1,3-Dichloropropane	10.94	76	173183	21.91	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	283769	112.21	ug/l	99
59) 2-Hexanone	10.98	43	317453	105.84	ug/l	99
60) Dibromochloromethane	11.13	129	108530	21.12	ug/l	98
61) 1,2-Dibromoethane	11.24	107	93130	21.28	ug/l	99
64) Tetrachloroethene	10.87	164	129951	22.95	ug/l	99
65) Chlorobenzene	11.66	112	389159	21.82	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	129141	21.45	ug/l	98
67) Ethyl Benzene	11.74	91	657791	21.76	ug/l	100
68) m/p-Xylenes	11.85	106	523928	44.54	ug/l	99
69) o-Xylene	12.17	106	237950	21.85	ug/l	100
70) Styrene	12.19	104	404771	22.13	ug/l	99
71) Bromoform	12.35	173	66060	20.78	ug/l #	97
73) Isopropylbenzene	12.47	105	661547	21.96	ug/l	99
74) N-amyl acetate	12.28	43	133859	21.47	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	121445	21.77	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	81954m	21.00	ug/l	
77) Bromobenzene	12.75	156	160417	22.00	ug/l	98
78) n-propylbenzene	12.81	91	813966	22.15	ug/l	100
79) 2-Chlorotoluene	12.90	91	468938	22.14	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	570503	22.30	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	32611	19.42	ug/l	95
82) 4-Chlorotoluene	12.99	91	494795	21.98	ug/l	99
83) tert-Butylbenzene	13.21	119	478812	21.88	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	590850	22.44	ug/l	99
85) sec-Butylbenzene	13.39	105	718703	21.99	ug/l	100
86) p-Isopropyltoluene	13.51	119	624674	21.97	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	323415	21.81	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	321376	21.68	ug/l	99
89) n-Butylbenzene	13.83	91	574911	20.91	ug/l	100
90) Hexachloroethane	14.10	117	109832	21.19	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	291886	21.92	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18661	21.40	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	199214	21.15	ug/l	99
94) Hexachlorobutadiene	15.25	225	121914	21.08	ug/l	98
95) Naphthalene	15.38	128	341826	20.92	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	180149	21.56	ug/l	99

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

