

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062918\
 Data File : VW003665.D
 Acq On : 29 Jun 2018 17:15
 Operator : SY/AP
 Sample : J3762-02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT3-2018

Manual Integrations
 APPROVED

apatel
 7/2/2018 10:30:54 AM

Quant Time: Jun 30 04:43:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	198286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	313139	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	288947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	156359	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	120879	56.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.56%	
35) Dibromofluoromethane	7.88	113	104641	53.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.56%	
50) Toluene-d8	10.33	98	406567	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	
62) 4-Bromofluorobenzene	12.63	95	146394	53.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	6941m	11.58	ug/l	
3) Chloromethane	2.21	50	16650	10.99	ug/l	100
4) Vinyl Chloride	2.36	62	23326	10.56	ug/l	99
5) Bromomethane	2.77	94	16458	11.21	ug/l	86
6) Chloroethane	2.92	64	14375	9.35	ug/l	98
7) Trichlorofluoromethane	3.25	101	14058	10.63	ug/l	97
8) Diethyl Ether	3.67	74	12116	12.47	ug/l	80
9) 1,1,2-Trichlorotrifluoroet	4.06	101	22167	12.07	ug/l	98
10) Methyl Iodide	4.26	142	30770	11.08	ug/l	99
11) Tert butyl alcohol	5.21	59	8789	76.30	ug/l #	79
12) 1,1-Dichloroethene	4.03	96	20511	11.43	ug/l	96
13) Acrolein	3.90	56	6074	36.88	ug/l	93
14) Allyl chloride	4.66	41	35858	11.53	ug/l	98
15) Acrylonitrile	5.37	53	27505	68.80	ug/l	99
16) Acetone	4.14	43	33943	75.35	ug/l	100
17) Carbon Disulfide	4.37	76	58090	10.95	ug/l	97
18) Methyl Acetate	4.67	43	14174	13.26	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	40465	12.04	ug/l	97
20) Methylene Chloride	4.91	84	32865	14.57	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	22877	11.71	ug/l	94
22) Diisopropyl ether	6.32	45	74252	11.87	ug/l	98
23) Vinyl Acetate	6.26	43	215986	59.90	ug/l	99
24) 1,1-Dichloroethane	6.21	63	45117	12.15	ug/l	96
25) 2-Butanone	7.18	43	40891	73.00	ug/l	93
26) 2,2-Dichloropropane	7.17	77	28904	11.66	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	25355	11.82	ug/l	97
28) Bromochloromethane	7.51	49	16648	10.77	ug/l	95
29) Tetrahydrofuran	7.54	42	23879	69.76	ug/l	95
30) Chloroform	7.67	83	46552	12.30	ug/l	98
31) Cyclohexane	7.95	56	40736	11.74	ug/l #	92
32) 1,1,1-Trichloroethane	7.87	97	36736	11.76	ug/l	99
36) 1,1-Dichloropropene	8.09	75	35210	11.64	ug/l	100
37) Ethyl Acetate	7.26	43	16736	13.36	ug/l	99
38) Carbon Tetrachloride	8.07	117	33908	11.43	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	37154	10.62	ug/l	93
40) Benzene	8.32	78	99801	11.97	ug/l	98
41) Methacrylonitrile	7.49	41	9083	11.81	ug/l	94
42) 1,2-Dichloroethane	8.40	62	31994	12.25	ug/l	100
43) Isopropyl Acetate	8.43	43	32218	12.95	ug/l	100
44) Trichloroethene	9.09	130	25810	11.69	ug/l	97
45) 1,2-Dichloropropane	9.37	63	25707	12.11	ug/l	99
46) Dibromomethane	9.46	93	13838	12.73	ug/l	95
47) Bromodichloromethane	9.65	83	33003	11.85	ug/l	97
48) Methyl methacrylate	9.45	41	14587	12.48	ug/l	99
49) 1,4-Dioxane	9.48	88	4123	251.30	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	83752	66.07	ug/l	99
52) Toluene	10.39	92	64441	12.06	ug/l	96
53) t-1,3-Dichloropropene	10.61	75	33147	11.65	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	36903	11.40	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	19670	12.85	ug/l	99
56) Ethyl methacrylate	10.65	69	21905	11.78	ug/l	99
57) 1,3-Dichloropropane	10.94	76	33327	12.62	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	47858	57.42	ug/l	98
59) 2-Hexanone	10.98	43	58768	66.37	ug/l	99
60) Dibromochloromethane	11.13	129	21816	11.98	ug/l	100
61) 1,2-Dibromoethane	11.24	107	17687	12.21	ug/l	98
64) Tetrachloroethene	10.87	164	23066	11.94	ug/l	93
65) Chlorobenzene	11.66	112	70545	11.72	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	24630	11.65	ug/l	97
67) Ethyl Benzene	11.74	91	118355	11.10	ug/l	98
68) m/p-Xylenes	11.84	106	90119	22.23	ug/l	99
69) o-Xylene	12.17	106	40549	10.79	ug/l	97
70) Styrene	12.19	104	69004	11.03	ug/l	100
71) Bromoform	12.35	173	13093	11.95	ug/l #	99
73) Isopropylbenzene	12.47	105	115026	10.58	ug/l	99
74) N-amyl acetate	12.28	43	29047	11.73	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	24190	13.15	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	16289m	12.19	ug/l	
77) Bromobenzene	12.76	156	28268	11.16	ug/l	94
78) n-propylbenzene	12.81	91	148678	11.16	ug/l	100
79) 2-Chlorotoluene	12.90	91	83234	11.06	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	99956	10.95	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	6583	11.33	ug/l	91
82) 4-Chlorotoluene	12.99	91	91392	11.45	ug/l	99
83) tert-Butylbenzene	13.21	119	82593	10.62	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	102643	10.93	ug/l	100
85) sec-Butylbenzene	13.39	105	124013	10.72	ug/l	99
86) p-Isopropyltoluene	13.51	119	108487	10.64	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	59755	11.48	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	59323	11.47	ug/l	97
89) n-Butylbenzene	13.83	91	107889	10.85	ug/l	98
90) Hexachloroethane	14.10	117	20171	10.93	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	54143	11.88	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4035	13.03	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	36078	11.28	ug/l	100
94) Hexachlorobutadiene	15.25	225	21393	11.12	ug/l	96
95) Naphthalene	15.38	128	60994	11.24	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	31782	11.28	ug/l	98

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

