

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120718\
 Data File : VD060513.D
 Acq On : 7 Dec 2018 12:53
 Operator : VA/AP
 Sample : J6269-01
 Misc : 5.67g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OILY-SOIL

Quant Time: Dec 08 03:27:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	32801	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.44	114	49404	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	41822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	28233	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.77	65	18638	80.17	ug/l	-0.03
Spiked Amount			Recovery	=	160.34%	
35) Dibromofluoromethane	6.30	113	16698	46.02	ug/l	-0.03
Spiked Amount			Recovery	=	92.04%	
50) Toluene-d8	9.44	98	45574	43.40	ug/l	-0.02
Spiked Amount			Recovery	=	86.80%	
62) 4-Bromofluorobenzene	12.42	95	27064	72.03	ug/l	-0.02
Spiked Amount			Recovery	=	144.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.79	50	1880	5.578	ug/l #	43
5) Bromomethane	2.20	94	2972	44.168	ug/l #	65
10) Methyl Iodide	3.28	142	1081	4.589	ug/l #	78
13) Acrolein	3.00	56	204	19.766	ug/l #	11
14) Allyl chloride	3.51	41	540	1.736	ug/l #	81
15) Acrylonitrile	4.07	53	201	3.748	ug/l #	15
16) Acetone	3.16	43	16007	429.527	ug/l #	89
18) Methyl Acetate	3.56	43	2367	26.725	ug/l #	64
20) Methylene Chloride	3.74	84	1525	Below Cal	#	74
23) Vinyl Acetate	4.80	43	1666	3.011	ug/l #	80
25) 2-Butanone	5.62	43	8569	116.874	ug/l #	59
29) Tetrahydrofuran	6.35	42	24646	593.612	ug/l #	40
30) Chloroform	6.05	83	933	1.596	ug/l #	17
31) Cyclohexane	6.35	56	38935	80.839	ug/l #	82
36) 1,1-Dichloropropene	6.38	75	1812	3.752	ug/l #	41
37) Ethyl Acetate	5.62	43	8569	40.915	ug/l #	68
38) Carbon Tetrachloride	6.39	117	2197	5.068	ug/l #	12
39) Methylcyclohexane	8.03	83	96054	174.481	ug/l	99
40) Benzene	6.79	78	48283	39.121	ug/l	98
41) Methacrylonitrile	5.91	41	208	1.842	ug/l #	33
42) 1,2-Dichloroethane	6.87	62	422	1.345	ug/l	73
43) Isopropyl Acetate	8.30	43	532	2.058	ug/l #	49
47) Bromodichloromethane	8.48	83	5058	12.087	ug/l #	24
48) Methyl methacrylate	8.28	41	11374	74.354	ug/l #	77
51) 4-Methyl-2-Pentanone	9.32	43	3926	24.413	ug/l #	42
52) Toluene	9.53	92	393390	509.974	ug/l	98
55) 1,1,2-Trichloroethane	10.09	97	11055	51.462	ug/l #	20
56) Ethyl methacrylate	10.08	69	5641	29.015	ug/l #	1
59) 2-Hexanone	10.43	43	18470	164.314	ug/l #	30
65) Chlorobenzene	11.30	112	1022	1.155	ug/l #	42
67) Ethyl Benzene	11.41	91	243340	161.242	ug/l	94
68) m/p-Xylenes	11.55	106	707685	1267.525	ug/l	95
69) o-Xylene	11.92	106	402146	755.797	ug/l	94
70) Styrene	11.92	104	19240	22.528	ug/l #	1

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

73) Isopropylbenzene	12.27	105	58151	29.107	ug/l	99
74) N-amyl acetate	12.19	43	21452	44.428	ug/l #	41
75) 1,1,2,2-Tetrachloroethane	12.58	83	6139	19.194	ug/l #	90
76) 1,2,3-Trichloropropane	12.62	75	1092	3.414	ug/l #	1
78) n-propylbenzene	12.63	91	274094	108.531	ug/l	98
79) 2-Chlorotoluene	12.70	91	237150	173.050	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.78	105	834519	546.649	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.42	75	8092	90.696	ug/l #	31
82) 4-Chlorotoluene	12.78	91	84768	55.073	ug/l #	40
83) tert-Butylbenzene	13.08	119	362339	211.686	ug/l #	66
84) 1,2,4-Trimethylbenzene	13.08	105	3134015	1982.659	ug/l	99
85) sec-Butylbenzene	13.08	105	3134015	1469.022	ug/l #	63
86) p-Isopropyltoluene	13.33	119	54716	32.354	ug/l	93
87) 1,3-Dichlorobenzene	13.30	146	1891	1.989	ug/l #	1
88) 1,4-Dichlorobenzene	13.38	146	2293	2.458	ug/l #	49
89) n-Butylbenzene	13.62	91	359266	Below Cal	#	1
90) Hexachloroethane	13.89	117	86636	204.320	ug/l #	8
91) 1,2-Dichlorobenzene	13.66	146	1392	1.791	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.22	75	6493	167.540	ug/l #	24
93) 1,2,4-Trichlorobenzene	14.78	180	3677	6.053	ug/l #	1
94) Hexachlorobutadiene	14.87	225	640	1.428	ug/l #	19
95) Naphthalene	14.96	128	1749755	2421.331	ug/l	100
96) 1,2,3-Trichlorobenzene	15.10	180	3581	7.399	ug/l #	1

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

