Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072318\
Data File : BM016031.D
Acq On : 23 Jul 2018 18:23
Operator : SJ/JU
Sample : J3762-01
Misc : LOD 1 PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2018

Manual Integrations APPROVED
Sohil
7/24/2018 5:28:50 PM

Quant Time: Jul 24 15:06:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 23 16:08:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	40251	20.00	ng		0.00
21) Naphthalene-d8	11.06	136	142623	20.00	ng		0.00
38) Acenaphthene-d10	14.86	164	76755	20.00	ng		0.00
63) Phenanthrene-d10	17.59	188	164263	20.00	ng		0.00
75) Chrysene-d12	21.70	240	178978	20.00	ng		0.00
86) Perylene-d12	24.07	264	194935	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.74	112	296227	122.25	ng		0.00
7) Phenol-d6	7.39	99	372953	117.86	ng		0.00
23) Nitrobenzene-d5	9.42	82	286613	93.47	ng		0.00
41) 2,4,6-Tribromophenol	16.34	330	123975	127.35	ng		0.00
44) 2-Fluorobiphenyl	13.48	172	554371	87.88	ng		0.00
78) Terphenyl-d14	20.16	244	1040016	121.64	ng		0.00
Target Compounds							Qvalue
6) Aniline	7.57	93	1099	0.302	ng	#	74
8) 2-Chlorophenol	7.79	128	2036	0.707	ng	#	24
9) Benzaldehyde	7.38	77	1036	0.466	ng	#	2
10) Phenol	7.41	94	2563	0.810	ng	#	1
11) bis(2-Chloroethyl)ether	7.66	93	1667	0.667	ng	#	66
12) 1,3-Dichlorobenzene	8.13	146	2303	0.683	ng	#	91
13) 1,4-Dichlorobenzene	8.27	146	2459	0.719	ng		92
14) 1,2-Dichlorobenzene	8.59	146	2494	0.746	ng		88
15) Benzyl Alcohol	8.55	79	7351m	2.917	ng		
16) 2,2'-oxybis(1-Chloropropan	8.77	45	2857	0.747	ng		66
18) Hexachloroethane	9.31	117	1191	0.806	ng	#	86
24) Nitrobenzene	9.46	77	2818	0.913	ng	#	72
31) Naphthalene	11.11	128	6387	0.885	ng	#	95
34) Hexachlorobutadiene	11.36	225	1444	0.803	ng		95
37) 2-Methylnaphthalene	12.71	142	4021	0.832	ng	#	73
39) 1,2,4,5-Tetrachlorobenzene	13.07	216	1787	0.684	ng	#	100
45) 1,1'-Biphenyl	13.70	154	6022	0.869	ng		93
46) 2-Chloronaphthalene	13.75	162	4268	0.792	ng		91
48) Acenaphthylene	14.59	152	6041	0.766	ng	#	95
49) Dimethylphthalate	14.31	163	5087	0.757	ng	#	95
50) 2,6-Dinitrotoluene	14.46	165	444	0.329	ng	#	65
51) Acenaphthene	14.92	154	3815	0.786	ng	#	92
54) Dibenzofuran	15.26	168	6476	0.810	ng	#	88
57) Fluorene	15.90	166	4782	0.805	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.50	232	557	0.384	ng	#	100
59) Diethylphthalate	15.66	149	5334	0.737	ng		99
62) Azobenzene	16.18	77	4660	0.611	ng	#	75
65) n-Nitrosodiphenylamine	16.11	169	4185	0.774	ng		87
66) 4-Bromophenyl-phenylether	16.78	248	1497	0.805	ng	#	70
67) Hexachlorobenzene	16.90	284	1487	0.726	ng	#	52
68) Atrazine	17.04	200	1211	0.625	ng	#	74
70) Phenanthrene	17.63	178	8213	0.893	ng		96
71) Anthracene	17.73	178	7215	0.807	ng	#	93
72) Carbazole	18.01	167	5967	0.644	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) Di-n-butylphthalate	18.51	149	7388	0.640	ng	#	92
74) Fluoranthene	19.62	202	8495	0.828	ng		87
77) Pyrene	19.98	202	8690	0.810	ng	#	94
79) Butylbenzylphthalate	20.83	149	3928	0.721	ng	#	78
80) Benzo(a)anthracene	21.69	228	10447	0.948	ng		94
82) Chrysene	21.74	228	9547	0.903	ng		96
83) Bis(2-ethylhexyl)phthalate	21.57	149	5466	0.692	ng	#	84
84) Di-n-octyl phthalate	22.48	149	10402	0.784	ng	#	89
85) Indeno(1,2,3-cd)pyrene	26.52	276	11578	0.923	ng	#	95
87) Benzo(b)fluoranthene	23.36	252	10710	0.933	ng		98
88) Benzo(k)fluoranthene	23.41	252	9675	0.832	ng	#	89
89) Benzo(a)pyrene	23.98	252	10431	0.945	ng	#	91
90) Dibenzo(a,h)anthracene	26.51	278	9231	0.807	ng	#	78
91) Benzo(g,h,i)perylene	27.26	276	9739	0.901	ng	#	81

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

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