Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
Data File : BN000089.D
Acq On : 15 Feb 2018 10:40
Operator : JU/SJ
Sample : J1161-01
Misc : 1 PPM LOD
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : LOD-MDL-SOIL-01-QT1-2018

Quant Time: Feb 16 06:05:00 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 18:24:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	402680	20.00	ng		0.00
21) Naphthalene-d8	11.30	136	1995115	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	1192414	20.00	ng		-0.01
63) Phenanthrene-d10	17.79	188	2688802	20.00	ng		0.00
75) Chrysene-d12	21.90	240	2788131	20.00	ng		-0.02
86) Perylene-d12	24.39	264	2925678	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.93	112	3366204	136.24	ng		-0.01
7) Phenol-d6	7.58	99	4726869	126.30	ng		-0.01
23) Nitrobenzene-d5	9.64	82	3238982	96.52	ng		-0.01
41) 2,4,6-Tribromophenol	16.54	330	1574071	133.36	ng		-0.01
44) 2-Fluorobiphenyl	13.70	172	8186884	96.77	ng		-0.01
78) Terphenyl-d14	20.35	244	9990560	96.75	ng		-0.01
Target Compounds							Qvalue
6) Aniline	7.77	93	38731	0.751	ng		97
8) 2-Chlorophenol	8.01	128	28288	0.979	ng		93
9) Benzaldehyde	7.58	77	22583	0.970	ng	#	73
10) Phenol	7.61	94	37867	0.958	ng		87
11) bis(2-Chloroethyl)ether	7.86	93	30740	0.946	ng	#	80
12) 1,3-Dichlorobenzene	8.35	146	32437	0.988	ng		95
13) 1,4-Dichlorobenzene	8.50	146	32714	0.976	ng		99
14) 1,2-Dichlorobenzene	8.82	146	34310	1.040	ng		90
15) Benzyl Alcohol	8.69	79	19751	0.734	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.98	45	32892	0.956	ng		79
18) Hexachloroethane	9.57	117	10362	0.888	ng	#	75
24) Nitrobenzene	9.68	77	36061	0.983	ng	#	91
31) Naphthalene	11.35	128	106995	0.978	ng	#	94
34) Hexachlorobutadiene	11.63	225	15741	0.947	ng		94
37) 2-Methylnaphthalene	12.93	142	66705	0.876	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	33324	0.947	ng	#	96
45) 1,1'-Biphenyl	13.92	154	114637	1.092	ng		97
46) 2-Chloronaphthalene	13.96	162	74229	0.942	ng		96
47) 2-Nitroaniline	14.15	65	9449	5.246	ng	#	83
48) Acenaphthylene	14.80	152	89792	0.707	ng		99
49) Dimethylphthalate	14.50	163	75393	0.756	ng		98
50) 2,6-Dinitrotoluene	14.63	165	7493	0.364	ng	#	84
51) Acenaphthene	15.13	154	76274	0.923	ng		96
54) Dibenzofuran	15.46	168	112744	0.963	ng		97
57) Fluorene	16.10	166	84809	0.887	ng		93
58) 2,3,4,6-Tetrachlorophenol	15.67	232	9063	0.453	ng	#	81
59) Diethylphthalate	15.85	149	70975	0.701	ng		96
62) Azobenzene	16.38	77	60155	0.597	ng		93
65) n-Nitrosodiphenylamine	16.30	169	60897	0.696	ng		98
66) 4-Bromophenyl-phenylether	16.98	248	21651	0.847	ng	#	84
67) Hexachlorobenzene	17.10	284	26911	0.901	ng	#	79
68) Atrazine	17.22	200	14795	0.520	ng		87
70) Phenanthrene	17.83	178	156229	0.984	ng		99
71) Anthracene	17.92	178	120641	0.784	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) Carbazole	18.18	167	108883	0.703	ng		98
73) Di-n-butylphthalate	18.72	149	79195	0.463	ng		99
74) Fluoranthene	19.81	202	126969	0.762	ng		94
77) Pyrene	20.17	202	141081	0.796	ng		100
79) Butylbenzylphthalate	21.02	149	27668	5.668	ng	#	90
80) Benzo(a)anthracene	21.89	228	150918	0.881	ng		96
82) Chrysene	21.94	228	171119	1.002	ng		98
83) Bis(2-ethylhexyl)phthalate	21.79	149	40460	3.208	ng	#	90
84) Di-n-octyl phthalate	22.74	149	54275	6.926	ng	#	92
85) Indeno(1,2,3-cd)pyrene	26.94	276	154983	0.739	ng	#	86
87) Benzo(b)fluoranthene	23.63	252	147817	0.863	ng	#	92
88) Benzo(k)fluoranthene	23.68	252	138415	0.803	ng	#	95
89) Benzo(a)pyrene	24.28	252	129817	0.790	ng	#	90
90) Dibenzo(a,h)anthracene	26.95	278	129284	0.753	ng	#	91
91) Benzo(g,h,i)perylene	27.73	276	129710	0.747	ng	#	90

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

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