Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
Data File : BN000748.D
Acq On : 18 Apr 2018 20:14
Operator : JU/SJ
Sample : J2133-03
Misc : 1PPM MDL
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-SOIL-03-QT2-2018

Quant Time: Apr 19 06:50:59 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN041818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 18 16:58:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	114108	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	473929	20.00	ng		0.00
38) Acenaphthene-d10	14.26	164	241205	20.00	ng		0.00
63) Phenanthrene-d10	17.00	188	482203	20.00	ng		0.00
75) Chrysene-d12	21.22	240	443428	20.00	ng		0.00
86) Perylene-d12	23.40	264	443513	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1050846	136.80	ng		0.00
7) Phenol-d6	6.81	99	1368747	130.76	ng		0.00
23) Nitrobenzene-d5	8.78	82	742405	81.66	ng		0.00
41) 2,4,6-Tribromophenol	15.75	330	348774	143.63	ng		0.00
44) 2-Fluorobiphenyl	12.88	172	1488842	85.21	ng		0.00
78) Terphenyl-d14	19.66	244	1695109	82.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	4339	1.232	ng	#	76
3) Pyridine	3.66	79	5846	0.630	ng	#	82
4) n-Nitrosodimethylamine	3.56	42	1329	0.521	ng	#	86
6) Aniline	6.97	93	11481	0.827	ng		96
8) 2-Chlorophenol	7.20	128	8185	1.030	ng		97
9) Benzaldehyde	6.79	77	5594	Below Cal			90
10) Phenol	6.83	94	10914	0.989	ng	#	79
11) bis(2-Chloroethyl)ether	7.07	93	8379	0.928	ng		91
12) 1,3-Dichlorobenzene	7.52	146	9454	1.025	ng		96
13) 1,4-Dichlorobenzene	7.67	146	9390	1.002	ng		95
14) 1,2-Dichlorobenzene	7.98	146	8999	1.006	ng		95
15) Benzyl Alcohol	7.87	79	5151	0.715	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.16	45	9227	0.962	ng		76
17) 2-Methylphenol	8.07	107	6148	0.829	ng		96
18) Hexachloroethane	8.69	117	3113	0.902	ng	#	78
19) n-Nitroso-di-n-propylamine	8.43	70	5046	0.775	ng	#	78
20) 3+4-Methylphenols	8.39	107	7776	0.763	ng		97
22) Acetophenone	8.44	105	11621	0.856	ng	#	91
24) Nitrobenzene	8.82	77	10166	1.043	ng	#	94
25) Isophorone	9.33	82	11834	0.718	ng		98
26) 2-Nitrophenol	9.52	139	2482	0.621	ng		99
27) 2,4-Dimethylphenol	9.59	122	4644	0.712	ng		89
28) bis(2-Chloroethoxy)methane	9.82	93	9328	0.869	ng		98
29) 2,4-Dichlorophenol	10.05	162	4405	0.686	ng		94
30) 1,2,4-Trichlorobenzene	10.26	180	7809	1.009	ng		94
31) Naphthalene	10.45	128	26129	1.025	ng		99
32) Benzoic acid	9.65	122	572	4.679	ng	#	78
33) 4-Chloroaniline	10.56	127	7805	0.750	ng	#	94
34) Hexachlorobutadiene	10.74	225	3988	0.949	ng		96
35) Caprolactam	11.31	113	170	0.077	ng	#	74
36) 4-Chloro-3-methylphenol	11.68	107	4372	0.577	ng		98
37) 2-Methylnaphthalene	12.06	142	15837	0.949	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	7707	1.030	ng	#	98
40) Hexachlorocyclopentadiene	12.42	237	3396	0.774	ng		81

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	2748	0.606 ng		97
43) 2,4,5-Trichlorophenol	12.75	196	2890	0.551 ng	#	94
45) 1,1'-Biphenyl	13.09	154	25614	1.186 ng		97
46) 2-Chloronaphthalene	13.13	162	16912	1.045 ng		99
47) 2-Nitroaniline	13.33	65	2196	0.468 ng		94
48) Acenaphthylene	13.98	152	20014	0.780 ng		97
49) Dimethylphthalate	13.73	163	16016	0.831 ng		98
50) 2,6-Dinitrotoluene	13.83	165	1770	0.434 ng	#	86
51) Acenaphthene	14.32	154	15530	0.993 ng		99
52) 3-Nitroaniline	14.16	138	1974	0.425 ng	#	89
53) 2,4-Dinitrophenol	14.37	184	222	5.791 ng	#	17
54) Dibenzofuran	14.66	168	23327	1.025 ng		96
55) 4-Nitrophenol	14.47	139	730	0.212 ng		90
56) 2,4-Dinitrotoluene	14.63	165	2292	0.429 ng	#	92
57) Fluorene	15.32	166	16467	0.915 ng		97
58) 2,3,4,6-Tetrachlorophenol	14.89	232	2100	0.521 ng	#	86
59) Diethylphthalate	15.10	149	14036	0.735 ng		98
60) 4-Chlorophenyl-phenylether	15.32	204	8278	0.984 ng		92
61) 4-Nitroaniline	15.33	138	1866	0.408 ng		89
62) Azobenzene	15.61	77	14124	0.690 ng		92
64) 4,6-Dinitro-2-methylphenol	15.39	198	719	0.241 ng		86
65) n-Nitrosodiphenylamine	15.53	169	12311	0.760 ng		95
66) 4-Bromophenyl-phenylether	16.21	248	4363	0.891 ng	#	87
67) Hexachlorobenzene	16.31	284	5533	0.975 ng		90
68) Atrazine	16.48	200	1749	0.399 ng		80
69) Pentachlorophenol	16.66	266	1517	0.414 ng		99
70) Phenanthrene	17.05	178	28870	1.034 ng		98
71) Anthracene	17.14	178	22863	0.836 ng		95
72) Carbazole	17.41	167	19194	0.747 ng		97
73) Di-n-butylphthalate	18.00	149	15538	0.531 ng	#	97
74) Fluoranthene	19.07	202	23063	0.819 ng		93
76) Benzidine	19.26	184	3094	0.258 ng		95
77) Pyrene	19.44	202	25224	0.790 ng		99
79) Butylbenzylphthalate	20.37	149	5114	0.380 ng		98
80) Benzo(a)anthracene	21.20	228	24567	0.879 ng		95
81) 3,3'-Dichlorobenzidine	21.14	252	4215	0.479 ng	#	98
82) Chrysene	21.25	228	27169	1.004 ng		97
83) Bis(2-ethylhexyl)phthalate	21.16	149	6718	0.327 ng	#	94
84) Di-n-octyl phthalate	22.03	149	10506	0.357 ng	#	96
85) Indeno(1,2,3-cd)pyrene	26.23	276	19973	0.858 ng	#	90
87) Benzo(b)fluoranthene	22.75	252	22409	0.832 ng	#	92
88) Benzo(k)fluoranthene	22.79	252	21904	0.816 ng	#	93
89) Benzo(a)pyrene	23.31	252	18628	0.758 ng	#	96
90) Dibenzo(a,h)anthracene	25.59	278	20742	0.856 ng	#	90
91) Benzo(g,h,i)perylene	26.23	276	19973	0.844 ng	#	90

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

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