Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
Data File : BN000751.D
Acq On : 18 Apr 2018 21:58
Operator : JU/SJ
Sample : J2133-03
Misc : 8PPM MDL
ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Apr 19 06:53:03 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	130776	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	560643	20.00	ng		0.00
38) Acenaphthene-d10	14.26	164	284779	20.00	ng		0.00
63) Phenanthrene-d10	17.01	188	540685	20.00	ng		0.00
75) Chrysene-d12	21.22	240	469012	20.00	ng		0.00
86) Perylene-d12	23.41	264	458738	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1168319	132.71	ng		0.00
7) Phenol-d6	6.82	99	1562452	130.24	ng		0.00
23) Nitrobenzene-d5	8.78	82	910724	84.68	ng		0.00
41) 2,4,6-Tribromophenol	15.76	330	397054	138.50	ng		0.00
44) 2-Fluorobiphenyl	12.88	172	1787754	86.66	ng		0.00
78) Terphenyl-d14	19.66	244	1837470	84.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	32015	7.929	ng	#	91
3) Pyridine	3.63	79	81749	7.686	ng		99
4) n-Nitrosodimethylamine	3.55	42	21751	7.436	ng	#	88
6) Aniline	6.97	93	119843	7.530	ng		94
8) 2-Chlorophenol	7.20	128	71750	7.881	ng		93
9) Benzaldehyde	6.79	77	35279	3.905	ng		92
10) Phenol	6.84	94	97794	7.734	ng		87
11) bis(2-Chloroethyl)ether	7.07	93	80783	7.808	ng		84
12) 1,3-Dichlorobenzene	7.52	146	84000	7.943	ng		97
13) 1,4-Dichlorobenzene	7.66	146	85954	8.006	ng		95
14) 1,2-Dichlorobenzene	7.98	146	82311	8.032	ng		96
15) Benzyl Alcohol	7.87	79	57976	7.026	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.16	45	86597	7.881	ng		79
17) 2-Methylphenol	8.07	107	65169	7.666	ng		95
18) Hexachloroethane	8.70	117	30226	7.640	ng	#	83
19) n-Nitroso-di-n-propylamine	8.43	70	55958	7.498	ng	#	84
20) 3+4-Methylphenols	8.39	107	86845	7.434	ng		92
22) Acetophenone	8.44	105	124559	7.753	ng	#	88
24) Nitrobenzene	8.82	77	94425	8.188	ng	#	96
25) Isophorone	9.33	82	136333	6.996	ng		98
26) 2-Nitrophenol	9.52	139	30631	6.484	ng		95
27) 2,4-Dimethylphenol	9.58	122	57773	7.491	ng		96
28) bis(2-Chloroethoxy)methane	9.82	93	98151	7.726	ng		97
29) 2,4-Dichlorophenol	10.05	162	55244	7.274	ng		97
30) 1,2,4-Trichlorobenzene	10.26	180	72123	7.879	ng		97
31) Naphthalene	10.45	128	240634	7.983	ng		98
32) Benzoic acid	9.66	122	31249	8.514	ng		95
33) 4-Chloroaniline	10.56	127	90977	7.392	ng		97
34) Hexachlorobutadiene	10.73	225	39043	7.853	ng		95
35) Caprolactam	11.30	113	13890	5.286	ng		93
36) 4-Chloro-3-methylphenol	11.68	107	62875	7.012	ng		98
37) 2-Methylnaphthalene	12.06	142	155355	7.868	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	71951	8.147	ng	#	97
40) Hexachlorocyclopentadiene	12.42	237	37033	7.150	ng		93

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	37343	6.971 ng		100
43) 2,4,5-Trichlorophenol	12.75	196	44952	7.266 ng	#	93
45) 1,1'-Biphenyl	13.09	154	209989	8.238 ng		97
46) 2-Chloronaphthalene	13.13	162	153899	8.052 ng		97
47) 2-Nitroaniline	13.33	65	32488	5.860 ng		90
48) Acenaphthylene	13.97	152	238329	7.866 ng		97
49) Dimethylphthalate	13.73	163	175518	7.712 ng		99
50) 2,6-Dinitrotoluene	13.84	165	32258	6.692 ng		94
51) Acenaphthene	14.32	154	146065	7.909 ng		99
52) 3-Nitroaniline	14.16	138	34017	6.201 ng	#	96
53) 2,4-Dinitrophenol	14.37	184	10203	9.475 ng		93
54) Dibenzofuran	14.66	168	214757	7.989 ng		97
55) 4-Nitrophenol	14.47	139	23019	5.650 ng		87
56) 2,4-Dinitrotoluene	14.63	165	39534	6.264 ng		94
57) Fluorene	15.31	166	167423	7.878 ng		97
58) 2,3,4,6-Tetrachlorophenol	14.89	232	33066	6.953 ng	#	88
59) Diethylphthalate	15.10	149	163123	7.232 ng		97
60) 4-Chlorophenyl-phenylether	15.32	204	81297	8.183 ng		93
61) 4-Nitroaniline	15.33	138	31842	5.900 ng		91
62) Azobenzene	15.61	77	179646	7.438 ng		89
64) 4,6-Dinitro-2-methylphenol	15.39	198	17985	5.385 ng		89
65) n-Nitrosodiphenylamine	15.53	169	140574	7.744 ng		94
66) 4-Bromophenyl-phenylether	16.21	248	42472	7.732 ng	#	85
67) Hexachlorobenzene	16.32	284	50099	7.877 ng	#	92
68) Atrazine	16.49	200	23516	4.782 ng		97
69) Pentachlorophenol	16.66	266	23233	5.653 ng		98
70) Phenanthrene	17.05	178	248847	7.947 ng		98
71) Anthracene	17.14	178	236285	7.705 ng		97
72) Carbazole	17.41	167	213278	7.400 ng		97
73) Di-n-butylphthalate	18.00	149	207335	6.314 ng		98
74) Fluoranthene	19.07	202	235981	7.477 ng		93
76) Benzidine	19.27	184	41366	3.257 ng	#	92
77) Pyrene	19.44	202	252545	7.475 ng		100
79) Butylbenzylphthalate	20.37	149	71774	5.043 ng		95
80) Benzo(a)anthracene	21.20	228	232616	7.870 ng		98
81) 3,3'-Dichlorobenzidine	21.14	252	53040	5.701 ng	#	95
82) Chrysene	21.25	228	228591	7.988 ng		98
83) Bis(2-ethylhexyl)phthalate	21.16	149	117554	5.407 ng	#	94
84) Di-n-octyl phthalate	22.04	149	151459	4.869 ng		95
85) Indeno(1,2,3-cd)pyrene	26.24	276	189739	7.710 ng	#	91
87) Benzo(b)fluoranthene	22.76	252	210884	7.566 ng	#	95
88) Benzo(k)fluoranthene	22.80	252	209404	7.543 ng	#	95
89) Benzo(a)pyrene	23.32	252	187172	7.359 ng	#	94
90) Dibenzo(a,h)anthracene	25.60	278	196650	7.846 ng	#	90
91) Benzo(g,h,i)perylene	26.24	276	189739	7.754 ng	#	88

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

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