Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
Data File : BN000750.D
Acq On : 18 Apr 2018 21:24
Operator : JU/SJ
Sample : J2133-03
Misc : 5PPM MDL
ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Apr 19 06:52:25 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	122336	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	524610	20.00	ng		0.00
38) Acenaphthene-d10	14.26	164	270184	20.00	ng		0.00
63) Phenanthrene-d10	17.01	188	524348	20.00	ng		0.00
75) Chrysene-d12	21.21	240	462412	20.00	ng		-0.01
86) Perylene-d12	23.40	264	449725	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1129853	137.19	ng		0.00
7) Phenol-d6	6.81	99	1517399	135.21	ng		0.00
23) Nitrobenzene-d5	8.78	82	865896	86.04	ng		0.00
41) 2,4,6-Tribromophenol	15.75	330	394584	145.07	ng		0.00
44) 2-Fluorobiphenyl	12.88	172	1720638	87.91	ng		0.00
78) Terphenyl-d14	19.66	244	1839595	85.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	19083	5.052	ng	#	92
3) Pyridine	3.63	79	45621	4.585	ng		96
4) n-Nitrosodimethylamine	3.55	42	12256	4.479	ng	#	83
6) Aniline	6.97	93	71095	4.775	ng		92
8) 2-Chlorophenol	7.20	128	42717	5.015	ng		94
9) Benzaldehyde	6.79	77	21787	2.103	ng		95
10) Phenol	6.83	94	58711	4.963	ng		97
11) bis(2-Chloroethyl)ether	7.07	93	47554	4.914	ng		84
12) 1,3-Dichlorobenzene	7.52	146	50188	5.073	ng		99
13) 1,4-Dichlorobenzene	7.66	146	50882	5.066	ng		95
14) 1,2-Dichlorobenzene	7.98	146	49124	5.124	ng		96
15) Benzyl Alcohol	7.86	79	32985	4.273	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.16	45	51384	4.999	ng		81
17) 2-Methylphenol	8.07	107	36953	4.647	ng		96
18) Hexachloroethane	8.69	117	17440	4.712	ng	#	79
19) n-Nitroso-di-n-propylamine	8.43	70	32003	4.584	ng	#	83
20) 3+4-Methylphenols	8.39	107	49941	4.570	ng		95
22) Acetophenone	8.44	105	72975	4.854	ng	#	89
24) Nitrobenzene	8.82	77	56299	5.217	ng	#	95
25) Isophorone	9.33	82	78624	4.312	ng		98
26) 2-Nitrophenol	9.52	139	16510	3.735	ng		98
27) 2,4-Dimethylphenol	9.58	122	32626	4.521	ng		93
28) bis(2-Chloroethoxy)methane	9.82	93	57086	4.802	ng		98
29) 2,4-Dichlorophenol	10.05	162	31096	4.376	ng		94
30) 1,2,4-Trichlorobenzene	10.26	180	43163	5.039	ng		98
31) Naphthalene	10.45	128	144473	5.122	ng		97
32) Benzoic acid	9.65	122	15387	6.657	ng		93
33) 4-Chloroaniline	10.56	127	52705	4.576	ng		96
34) Hexachlorobutadiene	10.74	225	23461	5.043	ng		97
35) Caprolactam	11.29	113	6769	2.753	ng		97
36) 4-Chloro-3-methylphenol	11.68	107	34761	4.143	ng		99
37) 2-Methylnaphthalene	12.06	142	93798	5.077	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	42999	5.132	ng	#	97
40) Hexachlorocyclopentadiene	12.42	237	21023	4.278	ng		91

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	20470	4.028 ng		96
43) 2,4,5-Trichlorophenol	12.75	196	25679	4.375 ng	#	93
45) 1,1'-Biphenyl	13.09	154	127235	5.261 ng		97
46) 2-Chloronaphthalene	13.13	162	92532	5.103 ng		96
47) 2-Nitroaniline	13.33	65	17640	3.353 ng		91
48) Acenaphthylene	13.98	152	137589	4.787 ng		97
49) Dimethylphthalate	13.73	163	102405	4.743 ng		98
50) 2,6-Dinitrotoluene	13.84	165	18184	3.976 ng		92
51) Acenaphthene	14.32	154	89395	5.102 ng		98
52) 3-Nitroaniline	14.16	138	18618	3.577 ng	#	94
53) 2,4-Dinitrophenol	14.37	184	4948	7.626 ng		95
54) Dibenzofuran	14.66	168	131855	5.170 ng		96
55) 4-Nitrophenol	14.47	139	11273	2.917 ng		88
56) 2,4-Dinitrotoluene	14.63	165	20930	3.496 ng		95
57) Fluorene	15.31	166	102135	5.065 ng		98
58) 2,3,4,6-Tetrachlorophenol	14.89	232	18689	4.142 ng	#	87
59) Diethylphthalate	15.10	149	96418	4.506 ng		97
60) 4-Chlorophenyl-phenylether	15.32	204	49254	5.226 ng		93
61) 4-Nitroaniline	15.33	138	16839	3.289 ng		93
62) Azobenzene	15.61	77	104080	4.542 ng		90
64) 4,6-Dinitro-2-methylphenol	15.39	198	9051	2.795 ng		88
65) n-Nitrosodiphenylamine	15.53	169	83092	4.720 ng		97
66) 4-Bromophenyl-phenylether	16.21	248	25459	4.779 ng	#	88
67) Hexachlorobenzene	16.31	284	30740	4.984 ng	#	91
68) Atrazine	16.49	200	13087	2.744 ng		96
69) Pentachlorophenol	16.66	266	12805	3.213 ng		98
70) Phenanthrene	17.05	178	153066	5.040 ng		99
71) Anthracene	17.14	178	140194	4.714 ng		98
72) Carbazole	17.41	167	127419	4.559 ng		97
73) Di-n-butylphthalate	18.00	149	115308	3.621 ng		98
74) Fluoranthene	19.07	202	141460	4.622 ng		92
76) Benzidine	19.26	184	22568	1.802 ng	#	95
77) Pyrene	19.43	202	153857	4.619 ng		100
79) Butylbenzylphthalate	20.37	149	37664	2.684 ng		96
80) Benzo(a)anthracene	21.20	228	141766	4.865 ng		97
81) 3,3'-Dichlorobenzidine	21.13	252	29883	3.258 ng	#	96
82) Chrysene	21.24	228	143929	5.102 ng		97
83) Bis(2-ethylhexyl)phthalate	21.16	149	62333	2.908 ng	#	94
84) Di-n-octyl phthalate	22.03	149	77558	2.529 ng		97
85) Indeno(1,2,3-cd)pyrene	26.23	276	115887	4.776 ng	#	91
87) Benzo(b)fluoranthene	22.75	252	124925	4.572 ng	#	96
88) Benzo(k)fluoranthene	22.79	252	132427	4.866 ng	#	96
89) Benzo(a)pyrene	23.30	252	113358	4.546 ng	#	94
90) Dibenzo(a,h)anthracene	25.59	278	118802	4.835 ng	#	93
91) Benzo(g,h,i)perylene	26.23	276	115887	4.831 ng	#	88

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

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