Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
Data File : BN000749.D
Acq On : 18 Apr 2018 20:49
Operator : JU/SJ
Sample : J2133-03
Misc : 2PPM MDL
ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Apr 19 06:51:49 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	125868	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	564040	20.00	ng		0.00
38) Acenaphthene-d10	14.26	164	311595	20.00	ng		0.00
63) Phenanthrene-d10	17.01	188	675992	20.00	ng		0.00
75) Chrysene-d12	21.21	240	700913	20.00	ng		-0.01
86) Perylene-d12	23.40	264	669829	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1164231	137.40	ng		0.00
7) Phenol-d6	6.81	99	1579943	136.83	ng		0.00
23) Nitrobenzene-d5	8.78	82	911734	84.27	ng		0.00
41) 2,4,6-Tribromophenol	15.75	330	496067	158.14	ng		0.00
44) 2-Fluorobiphenyl	12.88	172	1899029	84.13	ng		0.00
78) Terphenyl-d14	19.66	244	2617645	80.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	8217	2.114	ng	#	87
3) Pyridine	3.65	79	17353	1.695	ng	#	91
4) n-Nitrosodimethylamine	3.55	42	4454	1.582	ng		92
6) Aniline	6.97	93	28952	1.890	ng		95
8) 2-Chlorophenol	7.20	128	17819	2.033	ng		93
9) Benzaldehyde	6.79	77	10077	0.215	ng		89
10) Phenol	6.84	94	23907	1.964	ng		89
11) bis(2-Chloroethyl)ether	7.07	93	19441	1.952	ng		84
12) 1,3-Dichlorobenzene	7.52	146	20937	2.057	ng		98
13) 1,4-Dichlorobenzene	7.66	146	21374	2.068	ng		95
14) 1,2-Dichlorobenzene	7.98	146	20904	2.119	ng		96
15) Benzyl Alcohol	7.87	79	12614	1.588	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.16	45	21155	2.000	ng		81
17) 2-Methylphenol	8.07	107	14306	1.748	ng		96
18) Hexachloroethane	8.69	117	7006	1.840	ng	#	80
19) n-Nitroso-di-n-propylamine	8.43	70	12381	1.724	ng	#	82
20) 3+4-Methylphenols	8.39	107	18787	1.671	ng		92
22) Acetophenone	8.44	105	29630	1.833	ng	#	91
24) Nitrobenzene	8.82	77	22939	1.977	ng	#	95
25) Isophorone	9.33	82	31309	1.597	ng		98
26) 2-Nitrophenol	9.52	139	5995	1.261	ng		99
27) 2,4-Dimethylphenol	9.58	122	12770	1.646	ng		90
28) bis(2-Chloroethoxy)methane	9.82	93	23748	1.858	ng		97
29) 2,4-Dichlorophenol	10.05	162	11571	1.514	ng		96
30) 1,2,4-Trichlorobenzene	10.26	180	18238	1.980	ng		97
31) Naphthalene	10.45	128	61374	2.024	ng		99
32) Benzoic acid	9.63	122	4584	5.166	ng	#	71
33) 4-Chloroaniline	10.56	127	21504	1.737	ng		94
34) Hexachlorobutadiene	10.74	225	9840	1.967	ng		99
35) Caprolactam	11.30	113	2337	0.884	ng		93
36) 4-Chloro-3-methylphenol	11.68	107	12993	1.440	ng		98
37) 2-Methylnaphthalene	12.06	142	39245	1.976	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	18596	1.924	ng	#	95
40) Hexachlorocyclopentadiene	12.42	237	8715	1.538	ng		91

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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.67	196	7646	1.305	ng		91
43) 2,4,5-Trichlorophenol	12.75	196	9614	1.420	ng		96
45) 1,1'-Biphenyl	13.09	154	59748	2.142	ng		97
46) 2-Chloronaphthalene	13.13	162	41658	1.992	ng		96
47) 2-Nitroaniline	13.33	65	6698	1.104	ng		91
48) Acenaphthylene	13.97	152	57882	1.746	ng		98
49) Dimethylphthalate	13.73	163	46096	1.851	ng		99
50) 2,6-Dinitrotoluene	13.83	165	7089	1.344	ng		90
51) Acenaphthene	14.32	154	40725	2.015	ng		98
52) 3-Nitroaniline	14.16	138	7092	1.181	ng	#	93
53) 2,4-Dinitrophenol	14.37	184	1744	6.284	ng		97
54) Dibenzofuran	14.66	168	61354	2.086	ng		97
55) 4-Nitrophenol	14.47	139	4155	0.932	ng		89
56) 2,4-Dinitrotoluene	14.63	165	8311	1.204	ng	#	94
57) Fluorene	15.31	166	46536	2.001	ng		95
58) 2,3,4,6-Tetrachlorophenol	14.89	232	7611	1.463	ng	#	87
59) Diethylphthalate	15.10	149	43797	1.775	ng		97
60) 4-Chlorophenyl-phenylether	15.32	204	23294	2.143	ng		94
61) 4-Nitroaniline	15.33	138	6781	1.148	ng		92
62) Azobenzene	15.61	77	44445	1.682	ng		89
64) 4,6-Dinitro-2-methylphenol	15.39	198	3754	0.899	ng		80
65) n-Nitrosodiphenylamine	15.53	169	37873	1.669	ng		94
66) 4-Bromophenyl-phenylether	16.21	248	12185	1.774	ng	#	92
67) Hexachlorobenzene	16.32	284	14873	1.870	ng	#	91
68) Atrazine	16.48	200	5915	0.962	ng		89
69) Pentachlorophenol	16.66	266	5448	1.060	ng		99
70) Phenanthrene	17.05	178	80015	2.044	ng		98
71) Anthracene	17.14	178	69660	1.817	ng		97
72) Carbazole	17.41	167	63044	1.750	ng		96
73) Di-n-butylphthalate	18.00	149	54190	1.320	ng		97
74) Fluoranthene	19.07	202	75809	1.921	ng		94
76) Benzidine	19.26	184	9917	0.522	ng	#	94
77) Pyrene	19.43	202	83225	1.648	ng		99
79) Butylbenzylphthalate	20.37	149	19323	0.908	ng		89
80) Benzo(a)anthracene	21.20	228	82478	1.867	ng		97
81) 3,3'-Dichlorobenzidine	21.14	252	15091	1.085	ng	#	94
82) Chrysene	21.25	228	86826	2.030	ng		98
83) Bis(2-ethylhexyl)phthalate	21.16	149	31865	0.981	ng	#	93
84) Di-n-octyl phthalate	22.03	149	42299	0.910	ng	#	98
85) Indeno(1,2,3-cd)pyrene	26.23	276	54705	1.487	ng	#	91
87) Benzo(b)fluoranthene	22.75	252	74457	1.829	ng	#	96
88) Benzo(k)fluoranthene	22.79	252	74032	1.826	ng	#	95
89) Benzo(a)pyrene	23.30	252	61964	1.668	ng	#	93
90) Dibenzo(a,h)anthracene	25.59	278	56365	1.540	ng	#	91
91) Benzo(g,h,i)perylene	26.23	276	54705	1.531	ng	#	90

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

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