Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
Data File : BG025390.D
Acq On : 22 Dec 2016 15:26
Operator : UM/SJ
Sample : H6103-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT1-2017

Quant Time: Dec 23 00:27:21 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 18:42:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	49891	20.00	ng		0.00
21) Naphthalene-d8	11.04	136	212815	20.00	ng		0.00
38) Acenaphthene-d10	14.83	164	163847	20.00	ng		0.00
63) Phenanthrene-d10	17.58	188	380206	20.00	ng		0.00
75) Chrysene-d12	21.88	240	558462	20.00	ng		0.00
86) Perylene-d12	25.28	264	584690	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	481138	175.29	ng		0.00
7) Phenol-d6	7.38	99	655317	169.52	ng		0.00
23) Nitrobenzene-d5	9.39	82	524167	108.81	ng		0.00
41) 2,4,6-Tribromophenol	16.33	330	401520	152.21	ng		0.00
44) 2-Fluorobiphenyl	13.46	172	1134610	112.11	ng		0.00
78) Terphenyl-d14	20.16	244	2153810	102.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	18759	16.02	ng		95
3) Pyridine	4.01	79	51982	15.31	ng		93
4) n-Nitrosodimethylamine	3.92	42	36352	18.04	ng		83
6) Aniline	7.54	93	58323	11.13	ng	#	88
8) 2-Chlorophenol	7.78	128	59424	19.19	ng		92
9) Benzaldehyde	7.35	77	51134	18.08	ng		96
10) Phenol	7.40	94	82741	19.31	ng		95
11) bis(2-Chloroethyl)ether	7.63	93	58859	17.82	ng		86
12) 1,3-Dichlorobenzene	8.10	146	66599	17.77	ng		96
13) 1,4-Dichlorobenzene	8.24	146	69120	17.80	ng		98
14) 1,2-Dichlorobenzene	8.57	146	63475	17.13	ng		96
15) Benzyl Alcohol	8.46	79	67195	18.21	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.72	45	108303	17.71	ng		96
17) 2-Methylphenol	8.66	107	52849	18.78	ng		97
18) Hexachloroethane	9.29	117	25231	16.92	ng		90
19) n-Nitroso-di-n-propylamine	9.01	70	54482	16.69	ng		94
20) 3+4-Methylphenols	9.00	107	74233	19.06	ng		96
22) Acetophenone	9.05	105	97395	16.47	ng	#	98
24) Nitrobenzene	9.44	77	91289	17.28	ng		91
25) Isophorone	9.95	82	139705	16.02	ng		97
26) 2-Nitrophenol	10.15	139	34490	17.07	ng		91
27) 2,4-Dimethylphenol	10.20	122	60654	18.26	ng		85
28) bis(2-Chloroethoxy)methane	10.43	93	74119	16.36	ng	#	94
29) 2,4-Dichlorophenol	10.70	162	65822	18.51	ng		95
30) 1,2,4-Trichlorobenzene	10.90	180	70271	16.36	ng		98
31) Naphthalene	11.09	128	180744	17.01	ng		100
32) Benzoic acid	10.32	122	47475	17.77	ng	#	87
33) 4-Chloroaniline	11.22	127	38485	8.61	ng	#	92
34) Hexachlorobutadiene	11.34	225	58993	16.83	ng		97
35) Caprolactam	11.98	113	20722	15.51	ng		90
36) 4-Chloro-3-methylphenol	12.32	107	75824	17.28	ng		95
37) 2-Methylnaphthalene	12.68	142	134642	17.10	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	100665	18.61	ng	#	95
40) Hexachlorocyclopentadiene	13.01	237	18140	16.71	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.28	196	59583	17.49	ng		97
43) 2,4,5-Trichlorophenol	13.38	196	62389	17.50	ng		96
45) 1,1'-Biphenyl	13.67	154	197336	17.91	ng		91
46) 2-Chloronaphthalene	13.72	162	147161	17.09	ng		97
47) 2-Nitroaniline	13.94	65	64993	17.88	ng		92
48) Acenaphthylene	14.56	152	230181	17.25	ng		95
49) Dimethylphthalate	14.28	163	210137	17.59	ng		99
50) 2,6-Dinitrotoluene	14.42	165	46898	17.97	ng		91
51) Acenaphthene	14.90	154	153468	17.58	ng		97
52) 3-Nitroaniline	14.77	138	33811	13.48	ng		88
53) 2,4-Dinitrophenol	14.99	184	12637	11.99	ng	#	88
54) Dibenzofuran	15.23	168	247375	17.93	ng		93
55) 4-Nitrophenol	15.09	139	29822	15.92	ng	#	89
56) 2,4-Dinitrotoluene	15.22	165	66596	17.53	ng	#	91
57) Fluorene	15.88	166	205423	17.78	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.46	232	63931	16.74	ng	#	96
59) Diethylphthalate	15.63	149	219546	17.53	ng		96
60) 4-Chlorophenyl-phenylether	15.86	204	120270	18.37	ng	#	88
61) 4-Nitroaniline	15.93	138	44368	17.58	ng	#	80
62) Azobenzene	16.16	77	219666	18.18	ng		96
64) 4,6-Dinitro-2-methylphenol	15.98	198	42765	16.24	ng		79
65) n-Nitrosodiphenylamine	16.08	169	181997	17.71	ng		99
66) 4-Bromophenyl-phenylether	16.76	248	81786	17.44	ng		89
67) Hexachlorobenzene	16.89	284	91926	17.08	ng	#	89
68) Atrazine	17.02	200	64194	14.26	ng		93
69) Pentachlorophenol	17.24	266	40356	14.46	ng		92
70) Phenanthrene	17.63	178	347418	17.73	ng		93
71) Anthracene	17.72	178	358274	18.00	ng		95
72) Carbazole	18.00	167	321861	18.07	ng		94
73) Di-n-butylphthalate	18.51	149	394558	18.01	ng	#	95
74) Fluoranthene	19.62	202	489056	18.90	ng		92
76) Benzidine	19.80	184	136256	9.78	ng		97
77) Pyrene	19.99	202	500130	17.14	ng		95
79) Butylbenzylphthalate	20.83	149	200317	17.09	ng		97
80) Benzo(a)anthracene	21.86	228	562673	18.06	ng		93
81) 3,3'-Dichlorobenzidine	21.76	252	137667	11.38	ng		92
82) Chrysene	21.93	228	530349	17.75	ng		97
83) Bis(2-ethylhexyl)phthalate	21.70	149	287933	17.65	ng		97
84) Di-n-octyl phthalate	22.95	149	491055	18.14	ng		96
85) Indeno(1,2,3-cd)pyrene	29.21	276	667270	17.57	ng		99
87) Benzo(b)fluoranthene	24.19	252	567922m	17.80	ng		
88) Benzo(k)fluoranthene	24.26	252	542097	17.60	ng		93
89) Benzo(a)pyrene	25.12	252	540488	17.54	ng	#	97
90) Dibenzo(a,h)anthracene	29.26	278	581893	17.82	ng	#	98
91) Benzo(g,h,i)perylene	30.45	276	566950	17.47	ng		96

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

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