Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072418\
Data File : BG035847.D
Acq On : 24 Jul 2018 14:44
Operator : JU/SJ
Sample : J3762-02
Misc : LOO 20PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT3-2018

Quant Time: Jul 25 01:42:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 24 14:48:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	37517	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	137939	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	96902	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	268730	20.00	ng		0.00
75) Chrysene-d12	21.66	240	297295	20.00	ng		0.00
86) Perylene-d12	24.85	264	281041	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	294492	130.32	ng		0.00
7) Phenol-d6	7.20	99	416761	123.61	ng		0.00
23) Nitrobenzene-d5	9.19	82	281382	85.22	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	187866	147.09	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	649101	89.74	ng		0.00
78) Terphenyl-d14	20.00	244	1379219	102.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	18234	15.854	ng	#	69
3) Pyridine	3.92	79	47364	15.775	ng	#	68
4) n-Nitrosodimethylamine	3.83	42	17363	13.468	ng	#	70
6) Aniline	7.35	93	58221	13.323	ng		99
8) 2-Chlorophenol	7.60	128	43252	18.819	ng		96
9) Benzaldehyde	7.17	77	44311	21.420	ng		98
10) Phenol	7.23	94	66155	19.422	ng		100
11) bis(2-Chloroethyl)ether	7.45	93	46487	17.427	ng		88
12) 1,3-Dichlorobenzene	7.92	146	52509	18.920	ng		95
13) 1,4-Dichlorobenzene	8.06	146	53060	18.816	ng		91
14) 1,2-Dichlorobenzene	8.38	146	50138	18.508	ng		92
15) Benzyl Alcohol	8.27	79	49634	16.212	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.55	45	50884	22.752	ng		80
17) 2-Methylphenol	8.48	107	44689	19.297	ng		94
18) Hexachloroethane	9.11	117	19697	18.268	ng		91
19) n-Nitroso-di-n-propylamine	8.83	70	41497	14.616	ng	#	78
20) 3+4-Methylphenols	8.80	107	58048	18.068	ng		89
22) Acetophenone	8.85	105	76680	17.876	ng	#	90
24) Nitrobenzene	9.23	77	64926	19.552	ng		96
25) Isophorone	9.75	82	117879	19.231	ng		97
26) 2-Nitrophenol	9.95	139	24714	20.955	ng	#	93
27) 2,4-Dimethylphenol	10.00	122	45695	22.889	ng		94
28) bis(2-Chloroethoxy)methane	10.23	93	62774	18.586	ng		93
29) 2,4-Dichlorophenol	10.49	162	50313	22.078	ng		87
30) 1,2,4-Trichlorobenzene	10.69	180	57594	20.611	ng		96
31) Naphthalene	10.88	128	141003	19.624	ng		97
32) Benzoic acid	10.13	122	13369	9.948	ng	#	88
33) 4-Chloroaniline	11.00	127	40971	13.083	ng	#	92
34) Hexachlorobutadiene	11.16	225	44878	20.595	ng		96
35) Caprolactam	11.75	113	16312	16.680	ng	#	54
36) 4-Chloro-3-methylphenol	12.11	107	62111	20.334	ng		93
37) 2-Methylnaphthalene	12.48	142	109449	20.446	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	77048	21.066	ng		98
40) Hexachlorocyclopentadiene	12.82	237	35611	18.566	ng		81

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	47408	22.165	ng		95
43) 2,4,5-Trichlorophenol	13.17	196	52147	21.794	ng		95
45) 1,1'-Biphenyl	13.49	154	147202	19.594	ng		97
46) 2-Chloronaphthalene	13.53	162	122087	20.892	ng		100
47) 2-Nitroaniline	13.73	65	39178	18.964	ng		97
48) Acenaphthylene	14.37	152	199886	20.420	ng		97
49) Dimethylphthalate	14.10	163	163914	19.307	ng		99
50) 2,6-Dinitrotoluene	14.22	165	37690	21.800	ng	#	86
51) Acenaphthene	14.72	154	114402	18.761	ng		98
52) 3-Nitroaniline	14.56	138	29157	16.500	ng	#	91
53) 2,4-Dinitrophenol	14.77	184	5322	12.076	ng	#	63
54) Dibenzofuran	15.05	168	198299	20.448	ng		95
55) 4-Nitrophenol	14.89	139	18902	15.020	ng	#	87
56) 2,4-Dinitrotoluene	15.01	165	55264	22.281	ng	#	87
57) Fluorene	15.70	166	166402	20.472	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.28	232	50668	22.086	ng	#	95
59) Diethylphthalate	15.46	149	163153	18.689	ng		98
60) 4-Chlorophenyl-phenylether	15.68	204	95792	20.051	ng		96
61) 4-Nitroaniline	15.71	138	34481	18.654	ng		90
62) Azobenzene	15.98	77	166130	19.292	ng		94
64) 4,6-Dinitro-2-methylphenol	15.77	198	20249	13.536	ng		87
65) n-Nitrosodiphenylamine	15.90	169	147517	19.286	ng		96
66) 4-Bromophenyl-phenylether	16.58	248	62161	19.938	ng		94
67) Hexachlorobenzene	16.70	284	66848	20.821	ng		95
68) Atrazine	16.85	200	64218	20.391	ng		96
69) Pentachlorophenol	17.05	266	16294	8.332	ng		89
70) Phenanthrene	17.44	178	271067	20.215	ng		98
71) Anthracene	17.53	178	273992	20.521	ng		99
72) Carbazole	17.80	167	250445	19.751	ng		98
73) Di-n-butylphthalate	18.35	149	279579	18.658	ng	#	98
74) Fluoranthene	19.44	202	360253	19.945	ng		97
76) Benzidine	19.63	184	78333	10.022	ng	#	95
77) Pyrene	19.80	202	368534	19.605	ng		98
79) Butylbenzylphthalate	20.68	149	132262	19.675	ng		96
80) Benzo(a)anthracene	21.64	228	372220	20.091	ng		98
81) 3,3'-Dichlorobenzidine	21.55	252	101441	15.703	ng		99
82) Chrysene	21.70	228	355076	20.682	ng		99
83) Bis(2-ethylhexyl)phthalate	21.54	149	179188	19.607	ng	#	99
84) Di-n-octyl phthalate	22.73	149	303114	19.809	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.48	276	345191	18.161	ng	#	71
87) Benzo(b)fluoranthene	23.84	252	339234	19.860	ng	#	98
88) Benzo(k)fluoranthene	23.90	252	350775	21.005	ng		98
89) Benzo(a)pyrene	24.70	252	337608	21.245	ng	#	97
90) Dibenzo(a,h)anthracene	28.56	278	290250	18.604	ng		99
91) Benzo(g,h,i)perylene	29.62	276	289513	18.964	ng	#	93

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

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