Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080118\
Data File : BG036047.D
Acq On : 2 Aug 2018 00:28
Operator : JU/SJ
Sample : PB111535BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB111535BS

Manual Integrations APPROVED
Sohil
8/2/2018 10:18:56 AM

Quant Time: Aug 02 08:58:18 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 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	34785	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	133011	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	101013	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	267544	20.00	ng		0.00
75) Chrysene-d12	21.66	240	291344	20.00	ng		0.00
86) Perylene-d12	24.85	264	276260	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	258674	123.46	ng		0.00
7) Phenol-d6	7.19	99	372178	119.06	ng		0.00
23) Nitrobenzene-d5	9.19	82	244739	76.87	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	171994	129.18	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	581483	77.12	ng		0.00
78) Terphenyl-d14	19.99	244	1065045	80.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	30350	28.461	ng	#	74
3) Pyridine	3.91	79	82516	29.640	ng	#	80
4) n-Nitrosodimethylamine	3.83	42	35746	29.904	ng	#	79
6) Aniline	7.35	93	81552	20.128	ng		93
8) 2-Chlorophenol	7.59	128	83964	39.403	ng		94
9) Benzaldehyde	7.16	77	55899	29.144	ng		98
10) Phenol	7.22	94	123786	39.195	ng		93
11) bis(2-Chloroethyl)ether	7.44	93	85838	34.706	ng		88
12) 1,3-Dichlorobenzene	7.91	146	92430	35.919	ng		95
13) 1,4-Dichlorobenzene	8.06	146	95274	36.440	ng		96
14) 1,2-Dichlorobenzene	8.37	146	90354	35.973	ng		97
15) Benzyl Alcohol	8.26	79	96807	34.103	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.55	45	91713	44.230	ng		77
17) 2-Methylphenol	8.47	107	85196	39.677	ng	#	93
18) Hexachloroethane	9.10	117	35229	35.240	ng	#	83
19) n-Nitroso-di-n-propylamine	8.83	70	77965	29.618	ng	#	87
20) 3+4-Methylphenols	8.80	107	112358	37.719	ng		94
22) Acetophenone	8.84	105	146272	35.363	ng	#	89
24) Nitrobenzene	9.22	77	119698	37.381	ng	#	90
25) Isophorone	9.74	82	222578	37.657	ng		99
26) 2-Nitrophenol	9.94	139	48664	42.791	ng	#	85
27) 2,4-Dimethylphenol	10.00	122	87357	45.379	ng		88
28) bis(2-Chloroethoxy)methane	10.23	93	118273	36.315	ng		99
29) 2,4-Dichlorophenol	10.48	162	95870	43.628	ng		96
30) 1,2,4-Trichlorobenzene	10.68	180	107228	39.794	ng		95
31) Naphthalene	10.87	128	261830	37.789	ng		99
32) Benzoic acid	10.18	122	34345m	26.503	ng		
33) 4-Chloroaniline	10.99	127	37062	12.273	ng	#	92
34) Hexachlorobutadiene	11.15	225	81986	39.019	ng		90
35) Caprolactam	11.77	113	33628m	35.660	ng		
36) 4-Chloro-3-methylphenol	12.11	107	121587	41.279	ng		97
37) 2-Methylnaphthalene	12.48	142	206818	40.066	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	144289	37.846	ng		99
40) Hexachlorocyclopentadiene	12.82	237	173729	86.887	ng		90

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	89877	40.311 ng		99
43) 2,4,5-Trichlorophenol	13.16	196	101390	40.649 ng		96
45) 1,1'-Biphenyl	13.48	154	288655	36.858 ng		97
46) 2-Chloronaphthalene	13.53	162	232465	38.161 ng		99
47) 2-Nitroaniline	13.73	65	75613	35.110 ng		90
48) Acenaphthylene	14.37	152	385478	37.776 ng		96
49) Dimethylphthalate	14.10	163	321408	36.316 ng		98
50) 2,6-Dinitrotoluene	14.22	165	72226	40.076 ng		94
51) Acenaphthene	14.71	154	221514	34.848 ng		100
52) 3-Nitroaniline	14.56	138	32361	17.568 ng	#	97
53) 2,4-Dinitrophenol	14.76	184	64184	70.139 ng	#	64
54) Dibenzofuran	15.04	168	375790	37.172 ng		95
55) 4-Nitrophenol	14.87	139	91209	69.529 ng	#	85
56) 2,4-Dinitrotoluene	15.01	165	105122	40.657 ng	#	88
57) Fluorene	15.69	166	311648	36.781 ng		97
58) 2,3,4,6-Tetrachlorophenol	15.27	232	99295	41.520 ng		94
59) Diethylphthalate	15.46	149	319127	35.068 ng		99
60) 4-Chlorophenyl-phenylether	15.68	204	184467	37.041 ng		97
61) 4-Nitroaniline	15.72	138	70978	36.837 ng		87
62) Azobenzene	15.98	77	321731	35.842 ng		95
64) 4,6-Dinitro-2-methylphenol	15.78	198	60553	40.658 ng		81
65) n-Nitrosodiphenylamine	15.90	169	278427	36.562 ng		99
66) 4-Bromophenyl-phenylether	16.58	248	122279	39.394 ng		98
67) Hexachlorobenzene	16.70	284	127234	39.804 ng		94
68) Atrazine	16.85	200	126773	40.432 ng		97
69) Pentachlorophenol	17.05	266	112969	58.023 ng		98
70) Phenanthrene	17.43	178	514074	38.507 ng		98
71) Anthracene	17.52	178	514928	38.737 ng		98
72) Carbazole	17.80	167	467295	37.016 ng		98
73) Di-n-butylphthalate	18.34	149	533517	35.763 ng	#	97
74) Fluoranthene	19.44	202	667207	37.104 ng		98
76) Benzidine	19.62	184	147490	19.256 ng		98
77) Pyrene	19.80	202	675347	36.660 ng		97
79) Butylbenzylphthalate	20.68	149	252213	38.285 ng		95
80) Benzo(a)anthracene	21.63	228	697545	38.420 ng		98
81) 3,3'-Dichlorobenzidine	21.55	252	141636	22.373 ng	#	97
82) Chrysene	21.70	228	656225	39.004 ng		98
83) Bis(2-ethylhexyl)phthalate	21.53	149	352393	39.347 ng	#	98
84) Di-n-octyl phthalate	22.73	149	602538	40.180 ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.49	276	728449	39.107 ng	#	88
87) Benzo(b)fluoranthene	23.84	252	656672	39.109 ng	#	96
88) Benzo(k)fluoranthene	23.90	252	641681	39.090 ng	#	95
89) Benzo(a)pyrene	24.70	252	641164	41.045 ng	#	96
90) Dibenzo(a,h)anthracene	28.55	278	615610	40.142 ng	#	96
91) Benzo(g,h,i)perylene	29.62	276	609235	40.597 ng	#	94

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

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