Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080318\
Data File : BG036111.D
Acq On : 4 Aug 2018 2:46
Operator : JU/SJ
Sample : J4310-02MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C-1MSD

Manual Integrations APPROVED
Sohil
8/6/2018 9:57:55 AM

Quant Time: Aug 04 04:44:28 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	30988	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	110583	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	83115	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	227590	20.00	ng		0.00
75) Chrysene-d12	21.66	240	246955	20.00	ng		0.00
86) Perylene-d12	24.86	264	235384	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	260420	139.52	ng		0.00
7) Phenol-d6	7.20	99	345153	123.94	ng		0.00
23) Nitrobenzene-d5	9.19	82	280188	105.85	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	194430	177.48	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	636421	102.59	ng		0.00
78) Terphenyl-d14	20.00	244	1188714	106.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	34515	36.332	ng	#	69
3) Pyridine	3.93	79	78807	31.777	ng	#	73
4) n-Nitrosodimethylamine	3.84	42	44126	41.438	ng	#	80
6) Aniline	7.36	93	61090	16.925	ng		92
8) 2-Chlorophenol	7.60	128	94435	49.747	ng		96
9) Benzaldehyde	7.17	77	49647	29.056	ng		90
10) Phenol	7.23	94	118970	42.286	ng		95
11) bis(2-Chloroethyl)ether	7.44	93	97077	44.059	ng		91
12) 1,3-Dichlorobenzene	7.91	146	110209	48.076	ng	#	91
13) 1,4-Dichlorobenzene	8.06	146	112992	48.512	ng		96
14) 1,2-Dichlorobenzene	8.38	146	108468	48.476	ng		92
15) Benzyl Alcohol	8.27	79	104107	41.168	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.54	45	109919	59.505	ng		77
17) 2-Methylphenol	8.47	107	91735	47.957	ng	#	93
18) Hexachloroethane	9.10	117	42878	48.147	ng		92
19) n-Nitroso-di-n-propylamine	8.83	70	94597	40.340	ng	#	84
20) 3+4-Methylphenols	8.81	107	120739	45.499	ng		91
22) Acetophenone	8.85	105	168606	49.030	ng	#	93
24) Nitrobenzene	9.23	77	141019	52.971	ng		92
25) Isophorone	9.75	82	266900	54.315	ng		99
26) 2-Nitrophenol	9.94	139	58038	61.384	ng	#	91
27) 2,4-Dimethylphenol	10.00	122	99044	61.885	ng		92
28) bis(2-Chloroethoxy)methane	10.23	93	137327	50.717	ng		98
29) 2,4-Dichlorophenol	10.48	162	110132	60.283	ng		95
30) 1,2,4-Trichlorobenzene	10.69	180	124520	55.584	ng		98
31) Naphthalene	10.87	128	302667	52.543	ng		100
32) Benzoic acid	10.19	122	29786m	27.646	ng		
33) 4-Chloroaniline	11.00	127	10308	4.106	ng	#	94
34) Hexachlorobutadiene	11.16	225	97591	55.866	ng		98
35) Caprolactam	11.78	113	24146m	30.798	ng		
36) 4-Chloro-3-methylphenol	12.11	107	134627	54.976	ng		95
37) 2-Methylnaphthalene	12.48	142	237089	55.245	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	164236	52.354	ng		99
40) Hexachlorocyclopentadiene	12.82	237	198587	120.707	ng		94

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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
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	106964	58.305	ng		93
43) 2,4,5-Trichlorophenol	13.16	196	113565	55.335	ng		97
45) 1,1'-Biphenyl	13.48	154	331985	51.520	ng		96
46) 2-Chloronaphthalene	13.53	162	263113	52.493	ng		99
47) 2-Nitroaniline	13.73	65	93889	52.984	ng		96
48) Acenaphthylene	14.37	152	442880	52.748	ng		98
49) Dimethylphthalate	14.10	163	364876	50.106	ng		99
50) 2,6-Dinitrotoluene	14.22	165	86122	58.076	ng		89
51) Acenaphthene	14.72	154	260792	49.862	ng		99
52) 3-Nitroaniline	14.56	138	32035	21.136	ng	#	92
53) 2,4-Dinitrophenol	14.77	184	58475	76.955	ng	#	67
54) Dibenzofuran	15.04	168	428123	51.469	ng		92
55) 4-Nitrophenol	14.88	139	82462	76.398	ng	#	81
56) 2,4-Dinitrotoluene	15.01	165	125731	59.100	ng	#	88
57) Fluorene	15.70	166	367310	52.685	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	114430	58.153	ng		92
59) Diethylphthalate	15.46	149	373672	49.904	ng		98
60) 4-Chlorophenyl-phenylether	15.68	204	210240	51.307	ng		97
61) 4-Nitroaniline	15.73	138	76335	48.148	ng	#	76
62) Azobenzene	15.98	77	370785	50.201	ng		95
64) 4,6-Dinitro-2-methylphenol	15.78	198	60654	47.875	ng		83
65) n-Nitrosodiphenylamine	15.90	169	317946	49.080	ng		96
66) 4-Bromophenyl-phenylether	16.58	248	144187	54.607	ng		94
67) Hexachlorobenzene	16.70	284	146504	53.879	ng		95
68) Atrazine	16.85	200	146006	54.741	ng		93
69) Pentachlorophenol	17.05	266	123663	74.666	ng		99
70) Phenanthrene	17.44	178	589000	51.865	ng		97
71) Anthracene	17.53	178	595252	52.641	ng		99
72) Carbazole	17.80	167	541136	50.391	ng		99
73) Di-n-butylphthalate	18.35	149	622694	49.068	ng	#	97
74) Fluoranthene	19.44	202	775958	50.727	ng		96
76) Benzidine	19.64	184	41791	6.437	ng		97
77) Pyrene	19.80	202	773598	49.541	ng		98
79) Butylbenzylphthalate	20.68	149	294749	52.784	ng	#	94
80) Benzo(a)anthracene	21.64	228	789128	51.277	ng		100
81) 3,3'-Dichlorobenzidine	21.55	252	141469	26.364	ng	#	98
82) Chrysene	21.71	228	740313	51.911	ng		97
83) Bis(2-ethylhexyl)phthalate	21.54	149	400132	52.707	ng		100
84) Di-n-octyl phthalate	22.73	149	676211	53.199	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.50	276	805974	51.046	ng	#	85
87) Benzo(b)fluoranthene	23.84	252	743621	51.978	ng	#	96
88) Benzo(k)fluoranthene	23.91	252	735122	52.559	ng	#	96
89) Benzo(a)pyrene	24.71	252	726334	54.572	ng	#	96
90) Dibenzo(a,h)anthracene	28.56	278	661067	50.592	ng	#	96
91) Benzo(g,h,i)perylene	29.64	276	664574	51.975	ng	#	92

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

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