Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042519\
Data File : BG040614.D
Acq On : 25 Apr 2019 17:23
Operator : JU/SJ
Sample : K2535-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S37-0016MSD

Manual Integrations APPROVED
Sohil
4/30/2019 6:59:39 PM

Quant Time: Apr 26 00:44:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	52397	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	225227	20.00	ng		0.00
39) Acenaphthene-d10	14.79	164	167311	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	429764	20.00	ng		0.00
76) Chrysene-d12	21.83	240	411403	20.00	ng		0.00
87) Perylene-d12	25.20	264	446012	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	217423	73.15	ng		0.00
7) Phenol-d6	7.29	99	219711	48.01	ng		0.00
23) Nitrobenzene-d5	9.33	82	468446	96.10	ng		0.00
42) 2,4,6-Tribromophenol	16.27	330	322773	140.35	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	969246	83.66	ng		0.00
79) Terphenyl-d14	20.13	244	1789499	96.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	26528	19.624	ng		98
3) Pyridine	3.96	79	61019	15.573	ng		95
4) n-Nitrosodimethylamine	3.88	42	43306	19.926	ng		97
6) Aniline	7.48	93	97469	16.068	ng		98
8) 2-Chlorophenol	7.71	128	136758	37.680	ng		94
9) Benzaldehyde	7.30	77	53763	15.349	ng		93
10) Phenol	7.32	94	80789	16.421	ng		98
11) bis(2-Chloroethyl)ether	7.57	93	158108	42.857	ng		96
12) 1,3-Dichlorobenzene	8.04	146	143572	36.242	ng		99
13) 1,4-Dichlorobenzene	8.19	146	143903	35.833	ng		97
14) 1,2-Dichlorobenzene	8.51	146	142332	36.751	ng		98
15) Benzyl Alcohol	8.39	79	149228	31.337	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.68	45	313065	42.623	ng		98
17) 2-Methylphenol	8.58	107	116279	33.398	ng		97
18) Hexachloroethane	9.25	117	57253	34.754	ng		93
19) n-Nitroso-di-n-propylamine	8.96	70	174803	42.429	ng		95
20) 3+4-Methylphenols	8.91	107	149065	30.734	ng		96
22) Acetophenone	8.99	105	289487	46.222	ng	#	97
24) Nitrobenzene	9.38	77	248336	47.750	ng		98
25) Isophorone	9.90	82	481565	44.352	ng		100
26) 2-Nitrophenol	10.09	139	90314	48.446	ng		94
27) 2,4-Dimethylphenol	10.13	122	166288	47.541	ng		94
28) bis(2-Chloroethoxy)methane	10.38	93	239607	43.985	ng		99
29) 2,4-Dichlorophenol	10.61	162	182313	45.847	ng		97
30) 1,2,4-Trichlorobenzene	10.84	180	168668	38.249	ng		96
31) Naphthalene	11.03	128	497009	41.536	ng		100
32) Benzoic acid	10.21	122	43576	18.198	ng		87
33) 4-Chloroaniline	11.14	127	48089	9.064	ng		96
34) Hexachlorobutadiene	11.30	225	112929	34.688	ng		92
35) Caprolactam	11.93	113	14345m	9.137	ng		
36) 4-Chloro-3-methylphenol	12.23	107	219578	43.772	ng		99
37) 2-Methylnaphthalene	12.62	142	386913	43.248	ng		98
38) 1-Methylnaphthalene	12.85	142	372560	42.604	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	249970	40.106	ng		99

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Quant Time: Apr 26 00:44:03 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	294191	79.990	ng		99
43) 2,4,6-Trichlorophenol	13.22	196	179602	47.684	ng		96
44) 2,4,5-Trichlorophenol	13.29	196	186126	45.363	ng		100
46) 1,1'-Biphenyl	13.62	154	536348	41.289	ng		96
47) 2-Chloronaphthalene	13.67	162	419719	41.287	ng		98
48) 2-Nitroaniline	13.88	65	196153	54.205	ng		96
49) Acenaphthylene	14.52	152	710352	41.185	ng		100
50) Dimethylphthalate	14.24	163	643934	46.000	ng		99
51) 2,6-Dinitrotoluene	14.36	165	135149	49.467	ng		98
52) Acenaphthene	14.85	154	432636	43.072	ng		95
53) 3-Nitroaniline	14.69	138	33831	12.085	ng		99
54) 2,4-Dinitrophenol	14.90	184	153930	98.153	ng	#	79
55) Dibenzofuran	15.19	168	721982	43.884	ng		98
56) 4-Nitrophenol	14.97	139	92045	37.920	ng		98
57) 2,4-Dinitrotoluene	15.14	165	194223	52.316	ng	#	95
58) Fluorene	15.83	166	584321	43.942	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	204046	49.408	ng		98
60) Diethylphthalate	15.59	149	676123	45.778	ng		99
61) 4-Chlorophenyl-phenylether	15.82	204	342910	44.338	ng		98
62) 4-Nitroaniline	15.86	138	137612	43.946	ng		96
63) Azobenzene	16.11	77	683536	44.938	ng		98
65) 4,6-Dinitro-2-methylphenol	15.90	198	106197	49.832	ng		96
66) n-Nitrosodiphenylamine	16.04	169	554616	43.864	ng		99
67) 4-Bromophenyl-phenylether	16.71	248	230509	43.052	ng		99
68) Hexachlorobenzene	16.83	284	236264	42.675	ng		98
69) Atrazine	16.98	200	231547	46.221	ng		97
70) Pentachlorophenol	17.17	266	301727	93.135	ng		100
71) Phenanthrene	17.58	178	1007728	43.534	ng		98
72) Anthracene	17.67	178	1034112	44.444	ng		98
73) Carbazole	17.94	167	932929	44.009	ng		99
74) Di-n-butylphthalate	18.48	149	1128010	44.086	ng		99
75) Fluoranthene	19.57	202	1276006	44.234	ng		99
77) Benzidine	19.76	184	369832	32.832	ng		98
78) Pyrene	19.94	202	1277949	49.562	ng		97
80) Butylbenzylphthalate	20.81	149	520158	51.758	ng		99
81) Benzo(a)anthracene	21.80	228	1234424	47.476	ng		99
82) 3,3'-Dichlorobenzidine	21.71	252	174220	18.799	ng		99
83) Chrysene	21.87	228	1202448	48.628	ng		99
84) Bis(2-ethylhexyl)phthalate	21.68	149	721102	49.707	ng		98
85) Di-n-octyl phthalate	22.95	149	1213665	49.676	ng		98
86) Indeno(1,2,3-cd)pyrene	29.10	276	1490740	49.863	ng	#	93
88) Benzo(b)fluoranthene	24.12	252	1280215	46.971	ng		99
89) Benzo(k)fluoranthene	24.19	252	1208613	47.483	ng		98
90) Benzo(a)pyrene	25.04	252	1243454	48.197	ng		98
91) Dibenzo(a,h)anthracene	29.17	278	1217997	46.652	ng		97
92) Benzo(g,h,i)perylene	30.32	276	1207472	46.470	ng		99

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

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