Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042619\
Data File : BG040627.D
Acq On : 26 Apr 2019 13:41
Operator : JU/SJ
Sample : K2535-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

Manual Integrations APPROVED
Sohil
4/30/2019 7:02:22 PM

Quant Time: Apr 27 03:18:46 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	8.15	152	49925	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	225859	20.00	ng		0.00
39) Acenaphthene-d10	14.79	164	171696	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	444518	20.00	ng		0.00
76) Chrysene-d12	21.83	240	435385	20.00	ng		0.00
87) Perylene-d12	25.21	264	464337	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	221531	78.22	ng		0.00
7) Phenol-d6	7.29	99	221881	50.88	ng		0.00
23) Nitrobenzene-d5	9.34	82	479334	98.06	ng		0.00
42) 2,4,6-Tribromophenol	16.27	330	340407	144.24	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	992644	83.50	ng		0.00
79) Terphenyl-d14	20.13	244	1861872	94.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	26454	20.538	ng		97
3) Pyridine	3.96	79	61410	16.449	ng		97
4) n-Nitrosodimethylamine	3.88	42	46261	22.340	ng		99
6) Aniline	7.48	93	113951	19.715	ng		96
8) 2-Chlorophenol	7.71	128	135984	39.322	ng		93
9) Benzaldehyde	7.29	77	50901	15.217	ng		91
10) Phenol	7.32	94	80219	17.113	ng		91
11) bis(2-Chloroethyl)ether	7.57	93	158436	45.072	ng		97
12) 1,3-Dichlorobenzene	8.04	146	140082	37.112	ng		97
13) 1,4-Dichlorobenzene	8.19	146	144670	37.808	ng		99
14) 1,2-Dichlorobenzene	8.51	146	137604	37.289	ng		97
15) Benzyl Alcohol	8.39	79	151286	33.342	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.68	45	309447	44.216	ng		97
17) 2-Methylphenol	8.58	107	117568	35.440	ng		95
18) Hexachloroethane	9.25	117	54894	34.972	ng		93
19) n-Nitroso-di-n-propylamine	8.97	70	173538	44.208	ng		98
20) 3+4-Methylphenols	8.91	107	148076	32.042	ng		99
22) Acetophenone	8.99	105	291849	46.469	ng	#	97
24) Nitrobenzene	9.38	77	248850	47.715	ng		99
25) Isophorone	9.89	82	486504	44.682	ng		99
26) 2-Nitrophenol	10.09	139	94849	50.736	ng		93
27) 2,4-Dimethylphenol	10.13	122	168174	47.945	ng		98
28) bis(2-Chloroethoxy)methane	10.38	93	246552	45.133	ng		98
29) 2,4-Dichlorophenol	10.62	162	185208	46.445	ng		94
30) 1,2,4-Trichlorobenzene	10.84	180	169834	38.406	ng		98
31) Naphthalene	11.03	128	495885	41.327	ng		99
32) Benzoic acid	10.21	122	45650	19.011	ng		94
33) 4-Chloroaniline	11.14	127	70707	13.290	ng		98
34) Hexachlorobutadiene	11.30	225	112367	34.419	ng		95
35) Caprolactam	11.93	113	14529m	9.228	ng		
36) 4-Chloro-3-methylphenol	12.23	107	223397	44.408	ng		97
37) 2-Methylnaphthalene	12.63	142	387126	43.151	ng		98
38) 1-Methylnaphthalene	12.84	142	380541	43.395	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	256584	40.116	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	281586	74.608	ng		97
43) 2,4,6-Trichlorophenol	13.22	196	187166	48.423	ng		99
44) 2,4,5-Trichlorophenol	13.29	196	199633	47.412	ng		97
46) 1,1'-Biphenyl	13.62	154	557294	41.806	ng		97
47) 2-Chloronaphthalene	13.67	162	432807	41.487	ng		100
48) 2-Nitroaniline	13.88	65	208581	56.168	ng		97
49) Acenaphthylene	14.52	152	738534	41.725	ng		99
50) Dimethylphthalate	14.24	163	667921	46.495	ng		99
51) 2,6-Dinitrotoluene	14.36	165	138342	49.343	ng		98
52) Acenaphthene	14.85	154	446350	43.302	ng		97
53) 3-Nitroaniline	14.69	138	48505	16.885	ng		93
54) 2,4-Dinitrophenol	14.90	184	170622	105.456	ng	#	80
55) Dibenzofuran	15.19	168	735435	43.560	ng		97
56) 4-Nitrophenol	14.98	139	97017	38.948	ng		93
57) 2,4-Dinitrotoluene	15.15	165	207008	54.336	ng		98
58) Fluorene	15.83	166	604198	44.276	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.40	232	213947	50.483	ng		99
60) Diethylphthalate	15.59	149	685521	45.229	ng		100
61) 4-Chlorophenyl-phenylether	15.82	204	357815	45.084	ng		99
62) 4-Nitroaniline	15.86	138	140751	43.800	ng		98
63) Azobenzene	16.12	77	703689	45.082	ng		98
65) 4,6-Dinitro-2-methylphenol	15.90	198	115324	51.965	ng		99
66) n-Nitrosodiphenylamine	16.04	169	567409	43.386	ng		98
67) 4-Bromophenyl-phenylether	16.71	248	241359	43.582	ng		96
68) Hexachlorobenzene	16.83	284	249203	43.518	ng		96
69) Atrazine	16.98	200	240279	46.372	ng		99
70) Pentachlorophenol	17.17	266	323176	96.444	ng		99
71) Phenanthrene	17.58	178	1039767	43.427	ng		98
72) Anthracene	17.67	178	1076293	44.721	ng		99
73) Carbazole	17.94	167	963726	43.952	ng		99
74) Di-n-butylphthalate	18.48	149	1152200	43.537	ng		99
75) Fluoranthene	19.58	202	1326113	44.446	ng		99
77) Benzidine	19.76	184	274913	23.061	ng		99
78) Pyrene	19.94	202	1326684	48.618	ng		98
80) Butylbenzylphthalate	20.82	149	544036	51.152	ng		99
81) Benzo(a)anthracene	21.81	228	1292597	46.975	ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	241792	24.653	ng		100
83) Chrysene	21.88	228	1256923	48.031	ng		98
84) Bis(2-ethylhexyl)phthalate	21.69	149	746138	48.600	ng		97
85) Di-n-octyl phthalate	22.95	149	1274490	49.292	ng		97
86) Indeno(1,2,3-cd)pyrene	29.11	276	1569338	49.600	ng	#	92
88) Benzo(b)fluoranthene	24.13	252	1346955	47.470	ng		97
89) Benzo(k)fluoranthene	24.21	252	1286582	48.551	ng		99
90) Benzo(a)pyrene	25.05	252	1296689	48.277	ng		99
91) Dibenzo(a,h)anthracene	29.19	278	1289073	47.426	ng		98
92) Benzo(g,h,i)perylene	30.34	276	1292624	47.784	ng		97

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

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