Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
Data File : BG040794.D
Acq On : 8 May 2019 19:01
Operator : HP/JU
Sample : K2635-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AU-05-050219-AMSD

Manual Integrations APPROVED
Sohil
5/9/2019 6:47:29 PM

Quant Time: May 09 05:15:15 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	8.14	152	43754	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	173483	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	135920	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	378172	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	369546	20.00	ng	-0.02
87) Perylene-d12	25.15	264	369420	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	358690	144.51	ng	-0.01
7) Phenol-d6	7.28	99	494747	129.45	ng	-0.01
23) Nitrobenzene-d5	9.32	82	408349	108.76	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	323545	173.18	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	893384	94.93	ng	-0.02
79) Terphenyl-d14	20.11	244	1769263	106.07	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	44010	38.987	ng	# 29
3) Pyridine	3.96	79	113010	34.539	ng	98
4) n-Nitrosodimethylamine	3.88	42	73748	40.636	ng	84
6) Aniline	7.47	93	87715	17.316	ng	99
8) 2-Chlorophenol	7.70	128	141071	46.546	ng	97
9) Benzaldehyde	7.28	77	86507	36.911	ng	94
10) Phenol	7.31	94	169607	41.285	ng	95
11) bis(2-Chloroethyl)ether	7.56	93	137044	44.485	ng	96
12) 1,3-Dichlorobenzene	8.03	146	141325	42.722	ng	98
13) 1,4-Dichlorobenzene	8.18	146	145412	43.362	ng	98
14) 1,2-Dichlorobenzene	8.50	146	138780	42.912	ng	95
15) Benzyl Alcohol	8.38	79	175208	44.060	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.67	45	231737	37.783	ng	99
17) 2-Methylphenol	8.57	107	134954	46.419	ng	92
18) Hexachloroethane	9.23	117	54543	39.650	ng	95
19) n-Nitroso-di-n-propylamine	8.95	70	139259	40.479	ng	93
20) 3+4-Methylphenols	8.90	107	186847	46.134	ng	98
22) Acetophenone	8.98	105	251473	52.128	ng	# 95
24) Nitrobenzene	9.36	77	211533	52.806	ng	97
25) Isophorone	9.88	82	398105	47.602	ng	98
26) 2-Nitrophenol	10.07	139	86713	60.388	ng	93
27) 2,4-Dimethylphenol	10.12	122	158938	58.992	ng	97
28) bis(2-Chloroethoxy)methane	10.36	93	201708	48.072	ng	98
29) 2,4-Dichlorophenol	10.60	162	176041	57.474	ng	94
30) 1,2,4-Trichlorobenzene	10.82	180	176909	52.083	ng	97
31) Naphthalene	11.02	128	456713	49.553	ng	99
32) Benzoic acid	10.20	122	41272	22.377	ng	94
33) 4-Chloroaniline	11.13	127	20403	4.993	ng	93
34) Hexachlorobutadiene	11.28	225	125303	49.969	ng	97
35) Caprolactam	11.90	113	47969	39.667	ng	97
36) 4-Chloro-3-methylphenol	12.22	107	208743	54.023	ng	100
37) 2-Methylnaphthalene	12.61	142	354542	51.450	ng	99
38) 1-Methylnaphthalene	12.83	142	338564	50.265	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	250042	49.383	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	249323	83.447	ng		98
43) 2,4,6-Trichlorophenol	13.21	196	170020	55.565	ng		98
44) 2,4,5-Trichlorophenol	13.28	196	188279	56.485	ng		98
46) 1,1'-Biphenyl	13.61	154	489525	46.388	ng		94
47) 2-Chloronaphthalene	13.66	162	401058	48.562	ng		99
48) 2-Nitroaniline	13.86	65	170374	57.955	ng		94
49) Acenaphthylene	14.50	152	650112	46.398	ng		97
50) Dimethylphthalate	14.22	163	579936	50.996	ng		100
51) 2,6-Dinitrotoluene	14.35	165	127700	57.536	ng		90
52) Acenaphthene	14.84	154	387373	47.473	ng		98
53) 3-Nitroaniline	14.68	138	55076	24.219	ng	#	86
54) 2,4-Dinitrophenol	14.88	184	44517	39.459	ng	#	87
55) Dibenzofuran	15.17	168	670099	50.137	ng		99
56) 4-Nitrophenol	14.97	139	153401	77.793	ng		93
57) 2,4-Dinitrotoluene	15.13	165	189167	62.722	ng	#	89
58) Fluorene	15.81	166	542034	50.176	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	198974	59.308	ng	#	96
60) Diethylphthalate	15.57	149	600291	50.030	ng		98
61) 4-Chlorophenyl-phenylether	15.80	204	336104	53.495	ng		95
62) 4-Nitroaniline	15.84	138	129665	50.971	ng		91
63) Azobenzene	16.10	77	580568	46.984	ng		98
65) 4,6-Dinitro-2-methylphenol	15.88	198	56295	32.843	ng		88
66) n-Nitrosodiphenylamine	16.02	169	513087	46.115	ng		98
67) 4-Bromophenyl-phenylether	16.70	248	227428	48.271	ng		92
68) Hexachlorobenzene	16.81	284	232296	47.683	ng		97
69) Atrazine	16.96	200	229301	52.017	ng		100
70) Pentachlorophenol	17.15	266	228642	80.204	ng		98
71) Phenanthrene	17.56	178	955041	46.886	ng		97
72) Anthracene	17.65	178	985176	48.117	ng		98
73) Carbazole	17.92	167	865809	46.414	ng		99
74) Di-n-butylphthalate	18.45	149	1042371	46.297	ng		99
75) Fluoranthene	19.56	202	1242502	48.949	ng		99
77) Benzidine	19.74	184	87991	8.696	ng		99
78) Pyrene	19.92	202	1251383	54.029	ng		97
80) Butylbenzylphthalate	20.79	149	473957	52.503	ng		94
81) Benzo(a)anthracene	21.78	228	1205947	51.634	ng		100
82) 3,3'-Dichlorobenzidine	21.69	252	179366	21.547	ng		96
83) Chrysene	21.85	228	1186732	53.428	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	665003	51.033	ng		99
85) Di-n-octyl phthalate	22.91	149	1117258	50.910	ng		96
86) Indeno(1,2,3-cd)pyrene	29.00	276	1152888	42.930	ng		97
88) Benzo(b)fluoranthene	24.08	252	1197235	53.034	ng		98
89) Benzo(k)fluoranthene	24.15	252	1206693m	57.237	ng		
90) Benzo(a)pyrene	24.99	252	1142106	53.447	ng		98
91) Dibenzo(a,h)anthracene	29.08	278	867636	40.123	ng		96
92) Benzo(g,h,i)perylene	30.23	276	921275	42.807	ng		99

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

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