Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
Data File : BG040292.D
Acq On : 2 Apr 2019 9:46
Operator : JU/SJ
Sample : K1689-04MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NB-08-032919-AMS

Manual Integrations APPROVED
Sohil
4/2/2019 4:00:36 PM

Quant Time: Apr 02 11:18:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	58354	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	252484	20.00	ng		-0.01
39) Acenaphthene-d10	14.68	164	170616	20.00	ng		-0.02
64) Phenanthrene-d10	17.43	188	423509	20.00	ng		-0.01
76) Chrysene-d12	21.72	240	400662	20.00	ng		-0.01
87) Perylene-d12	25.06	264	414816	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	465451	132.60	ng		0.00
7) Phenol-d6	7.21	99	603966	124.50	ng		-0.01
23) Nitrobenzene-d5	9.23	82	446513	94.00	ng		-0.01
42) 2,4,6-Tribromophenol	16.18	330	306090	166.00	ng		-0.01
45) 2-Fluorobiphenyl	13.31	172	1033487	89.76	ng		-0.01
79) Terphenyl-d14	20.03	244	1623367	91.15	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	53716	32.544	ng	#	1
3) Pyridine	3.91	79	151888	34.178	ng		97
4) n-Nitrosodimethylamine	3.83	42	74865	36.419	ng	#	85
6) Aniline	7.39	93	90830	14.411	ng		96
8) 2-Chlorophenol	7.61	128	184762	44.965	ng		96
9) Benzaldehyde	7.20	77	123650	37.159	ng		97
10) Phenol	7.24	94	202599	38.476	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	180844	42.881	ng		98
12) 1,3-Dichlorobenzene	7.94	146	176362	39.483	ng		93
13) 1,4-Dichlorobenzene	8.09	146	179912	40.440	ng		97
14) 1,2-Dichlorobenzene	8.41	146	175572	41.268	ng		98
15) Benzyl Alcohol	8.30	79	173088	44.304	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	336860	41.619	ng		98
17) 2-Methylphenol	8.49	107	170639	46.832	ng		97
18) Hexachloroethane	9.13	117	65536	38.728	ng		97
19) n-Nitroso-di-n-propylamine	8.86	70	152422	43.823	ng		95
20) 3+4-Methylphenols	8.82	107	233941	47.395	ng		98
22) Acetophenone	8.88	105	296894	47.140	ng	#	97
24) Nitrobenzene	9.27	77	222498	45.234	ng		99
25) Isophorone	9.78	82	452436	46.291	ng		98
26) 2-Nitrophenol	9.98	139	109449	46.959	ng		99
27) 2,4-Dimethylphenol	10.03	122	208489	56.314	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	266361	46.064	ng		98
29) 2,4-Dichlorophenol	10.51	162	209819	52.213	ng		99
30) 1,2,4-Trichlorobenzene	10.72	180	201782	45.730	ng		97
31) Naphthalene	10.92	128	600396	46.393	ng		98
32) Benzoic acid	10.14	122	10921	4.882	ng		94
33) 4-Chloroaniline	11.04	127	19241	3.485	ng	#	95
34) Hexachlorobutadiene	11.18	225	117385	41.596	ng		95
35) Caprolactam	11.82	113	53971m	33.844	ng		
36) 4-Chloro-3-methylphenol	12.14	107	246300	53.314	ng		99
37) 2-Methylnaphthalene	12.51	142	468343	48.931	ng		100
38) 1-Methylnaphthalene	12.74	142	447558	48.221	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	243064	44.823	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	229484	77.073	ng	99
43) 2,4,6-Trichlorophenol	13.12	196	183090	52.368	ng	95
44) 2,4,5-Trichlorophenol	13.20	196	195914	51.410	ng	98
46) 1,1'-Biphenyl	13.52	154	622107	46.147	ng	98
47) 2-Chloronaphthalene	13.57	162	482127	46.624	ng	99
48) 2-Nitroaniline	13.78	65	169748	48.666	ng	98
49) Acenaphthylene	14.41	152	811229	46.270	ng	99
50) Dimethylphthalate	14.14	163	643366	48.181	ng	100
51) 2,6-Dinitrotoluene	14.27	165	148609	49.565	ng	97
52) Acenaphthene	14.75	154	480135	47.792	ng	96
53) 3-Nitroaniline	14.60	138	44056	13.881	ng	95
54) 2,4-Dinitrophenol	14.81	184	26380	16.544	ng	92
55) Dibenzofuran	15.08	168	788565	48.849	ng	100
56) 4-Nitrophenol	14.91	139	180526	70.477	ng	95
57) 2,4-Dinitrotoluene	15.05	165	210218	50.459	ng	99
58) Fluorene	15.73	166	622090	49.015	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	177325	51.278	ng	99
60) Diethylphthalate	15.49	149	682785	49.969	ng	100
61) 4-Chlorophenyl-phenylether	15.72	204	340964	50.258	ng	98
62) 4-Nitroaniline	15.77	138	163831	48.101	ng	98
63) Azobenzene	16.01	77	624844	48.480	ng	96
65) 4,6-Dinitro-2-methylphenol	15.81	198	37424	15.729	ng	97
66) n-Nitrosodiphenylamine	15.93	169	591782	47.751	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	223582	46.912	ng	98
68) Hexachlorobenzene	16.73	284	228692	47.724	ng	98
69) Atrazine	16.88	200	210396	45.638	ng	98
70) Pentachlorophenol	17.07	266	89370	32.259	ng	98
71) Phenanthrene	17.47	178	1042516	46.833	ng	99
72) Anthracene	17.57	178	1065920	47.840	ng	99
73) Carbazole	17.84	167	991547	47.023	ng	100
74) Di-n-butylphthalate	18.37	149	1148715	45.958	ng	99
75) Fluoranthene	19.48	202	1226609	46.534	ng	98
77) Benzidine	19.67	184	131376	9.080	ng	97
78) Pyrene	19.84	202	1239947	47.060	ng	98
80) Butylbenzylphthalate	20.71	149	535352	47.483	ng	98
81) Benzo(a)anthracene	21.69	228	1121157	45.430	ng	98
82) 3,3'-Dichlorobenzidine	21.61	252	133345	14.204	ng	99
83) Chrysene	21.76	228	1117684	47.125	ng	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	750629	46.574	ng	99
85) Di-n-octyl phthalate	22.81	149	1294617	47.147	ng	99
86) Indeno(1,2,3-cd)pyrene	28.90	276	1429761m	49.288	ng	
88) Benzo(b)fluoranthene	23.97	252	1227921	48.350	ng	99
89) Benzo(k)fluoranthene	24.05	252	1188858	50.904	ng	100
90) Benzo(a)pyrene	24.90	252	1212295	50.876	ng	100
91) Dibenzo(a,h)anthracene	28.99	278	1177306	53.197	ng	97
92) Benzo(g,h,i)perylene	30.26	276	1188932	52.274	ng	97

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

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