Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
Data File : BG041132.D
Acq On : 8 Jun 2019 14:14
Operator : HP/JU
Sample : K3153-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-05-060519-AMSD

Quant Time: Jun 09 23:19:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	41268	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	164139	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	123131	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	334544	20.00	ng		0.00
76) Chrysene-d12	21.76	240	347000	20.00	ng		0.00
87) Perylene-d12	25.08	264	366855	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	301487	131.74	ng		0.00
7) Phenol-d6	7.25	99	405817	114.82	ng		0.00
23) Nitrobenzene-d5	9.28	82	324466	87.76	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	270446	147.95	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	760217	88.91	ng		0.00
79) Terphenyl-d14	20.08	244	1500105	91.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	35767	34.441	ng	#	28
3) Pyridine	3.93	79	92874	30.223	ng		95
4) n-Nitrosodimethylamine	3.84	42	55095	38.631	ng		88
6) Aniline	7.43	93	54014	11.449	ng		100
8) 2-Chlorophenol	7.66	128	111044	40.699	ng		97
9) Benzaldehyde	7.24	77	37386	17.732	ng		94
10) Phenol	7.28	94	132219	34.889	ng		98
11) bis(2-Chloroethyl)ether	7.52	93	105340	38.316	ng		98
12) 1,3-Dichlorobenzene	7.99	146	123456	37.885	ng		94
13) 1,4-Dichlorobenzene	8.14	146	123754	37.518	ng		97
14) 1,2-Dichlorobenzene	8.46	146	119304	37.251	ng		96
15) Benzyl Alcohol	8.34	79	128981	39.449	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.63	45	161348	35.916	ng		98
17) 2-Methylphenol	8.54	107	106025	38.640	ng		97
18) Hexachloroethane	9.19	117	48429	38.094	ng		95
19) n-Nitroso-di-n-propylamine	8.91	70	101286	37.238	ng		94
20) 3+4-Methylphenols	8.87	107	145915	38.390	ng		98
22) Acetophenone	8.94	105	195564	42.473	ng	#	96
24) Nitrobenzene	9.32	77	155966	41.393	ng		97
25) Isophorone	9.84	82	288490	41.000	ng		99
26) 2-Nitrophenol	10.04	139	66176	42.603	ng	#	81
27) 2,4-Dimethylphenol	10.08	122	117267	45.711	ng		95
28) bis(2-Chloroethoxy)methane	10.32	93	150307	39.579	ng		98
29) 2,4-Dichlorophenol	10.56	162	135714	41.659	ng		96
30) 1,2,4-Trichlorobenzene	10.78	180	147294	39.745	ng		98
31) Naphthalene	10.98	128	359380	40.779	ng		99
32) Benzoic acid	10.19	122	32922	21.839	ng		95
33) 4-Chloroaniline	11.09	127	13274	3.246	ng		94
34) Hexachlorobutadiene	11.24	225	105956	37.366	ng		96
35) Caprolactam	11.87	113	36535m	33.961	ng		
36) 4-Chloro-3-methylphenol	12.19	107	158295	42.546	ng		96
37) 2-Methylnaphthalene	12.57	142	277363	40.864	ng		98
38) 1-Methylnaphthalene	12.79	142	265288m	41.477	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	207566	41.824	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	230205	85.644	ng		95
43) 2,4,6-Trichlorophenol	13.17	196	136856	42.627	ng		97
44) 2,4,5-Trichlorophenol	13.25	196	150460	44.437	ng		98
46) 1,1'-Biphenyl	13.57	154	386956	42.455	ng		99
47) 2-Chloronaphthalene	13.62	162	316472	40.446	ng		98
48) 2-Nitroaniline	13.83	65	121023	43.114	ng		97
49) Acenaphthylene	14.47	152	503659	42.768	ng		100
50) Dimethylphthalate	14.18	163	433364	41.577	ng		99
51) 2,6-Dinitrotoluene	14.32	165	100305	44.633	ng		92
52) Acenaphthene	14.80	154	299703	42.010	ng		98
53) 3-Nitroaniline	14.65	138	28487	12.677	ng	#	88
54) 2,4-Dinitrophenol	14.85	184	69783	65.159	ng		97
55) Dibenzofuran	15.14	168	523475	43.608	ng		98
56) 4-Nitrophenol	14.94	139	132763	86.132	ng		96
57) 2,4-Dinitrotoluene	15.10	165	146680	46.206	ng		97
58) Fluorene	15.78	166	420075	43.941	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.35	232	155249	46.656	ng		99
60) Diethylphthalate	15.54	149	459154	43.165	ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	264544	42.574	ng		96
62) 4-Nitroaniline	15.81	138	99184	41.690	ng		93
63) Azobenzene	16.06	77	420042	43.447	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	63173	37.523	ng		98
66) n-Nitrosodiphenylamine	15.99	169	391843	41.666	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	174637	38.681	ng		98
68) Hexachlorobenzene	16.77	284	184582	38.394	ng		99
69) Atrazine	16.92	200	172773	47.612	ng		95
70) Pentachlorophenol	17.12	266	171294	67.229	ng		98
71) Phenanthrene	17.52	178	754312	43.287	ng		100
72) Anthracene	17.62	178	773189	44.988	ng		98
73) Carbazole	17.89	167	686666	46.564	ng		100
74) Di-n-butylphthalate	18.41	149	801491	43.729	ng		98
75) Fluoranthene	19.52	202	1005975	46.738	ng		100
77) Benzidine	19.71	184	64918	7.842	ng		98
78) Pyrene	19.89	202	997723	44.231	ng		99
80) Butylbenzylphthalate	20.75	149	384237	43.771	ng		98
81) Benzo(a)anthracene	21.74	228	979860	42.421	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	117914	14.514	ng		100
83) Chrysene	21.80	228	966567	43.728	ng		98
84) Bis(2-ethylhexyl)phthalate	21.60	149	525924	42.559	ng		97
85) Di-n-octyl phthalate	22.84	149	890394	43.264	ng		99
86) Indeno(1,2,3-cd)pyrene	28.91	276	1172190	43.291	ng	#	96
88) Benzo(b)fluoranthene	24.01	252	1006491	45.233	ng		99
89) Benzo(k)fluoranthene	24.09	252	959595	43.581	ng		98
90) Benzo(a)pyrene	24.92	252	964391	45.428	ng		98
91) Dibenzo(a,h)anthracene	28.97	278	960854	45.297	ng		99
92) Benzo(g,h,i)perylene	30.11	276	964118	46.783	ng		98

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

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