Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
Data File : BG041312.D
Acq On : 19 Jun 2019 00:26
Operator : HP/JU
Sample : K3419-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-AMSD

Quant Time: Jun 19 05:42:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	39837	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	150435	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	105724	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	265647	20.00	ng		0.00
76) Chrysene-d12	21.74	240	273111	20.00	ng		0.00
87) Perylene-d12	25.05	264	288918	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	279079	128.72	ng		0.00
7) Phenol-d6	7.23	99	409310	130.24	ng		0.00
23) Nitrobenzene-d5	9.26	82	288767	80.73	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	210980	129.99	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	653546	84.02	ng		0.00
79) Terphenyl-d14	20.06	244	1136097	82.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	26411	24.293	ng		94
3) Pyridine	3.88	79	64068	22.214	ng		93
4) n-Nitrosodimethylamine	3.81	42	48870	31.774	ng		89
6) Aniline	7.40	93	84556	19.357	ng		98
8) 2-Chlorophenol	7.64	128	89656	35.193	ng		99
9) Benzaldehyde	7.22	77	83151	41.367	ng		96
10) Phenol	7.26	94	123332	36.494	ng		97
11) bis(2-Chloroethyl)ether	7.50	93	79638	31.057	ng		92
12) 1,3-Dichlorobenzene	7.97	146	96602	30.285	ng		94
13) 1,4-Dichlorobenzene	8.11	146	97065	29.790	ng		97
14) 1,2-Dichlorobenzene	8.43	146	93092	29.912	ng		97
15) Benzyl Alcohol	8.32	79	99427	33.021	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.60	45	127378	30.345	ng		98
17) 2-Methylphenol	8.52	107	82616	34.194	ng		94
18) Hexachloroethane	9.16	117	37933	29.379	ng		95
19) n-Nitroso-di-n-propylamine	8.88	70	79156	31.142	ng		95
20) 3+4-Methylphenols	8.85	107	111994	34.820	ng		96
22) Acetophenone	8.91	105	147275	33.642	ng	#	99
24) Nitrobenzene	9.30	77	125938	35.007	ng		97
25) Isophorone	9.82	82	223139	34.002	ng		99
26) 2-Nitrophenol	10.01	139	52220	35.804	ng		98
27) 2,4-Dimethylphenol	10.06	122	87366	39.962	ng		97
28) bis(2-Chloroethoxy)methane	10.30	93	115207	33.693	ng		96
29) 2,4-Dichlorophenol	10.55	162	103378	38.137	ng		95
30) 1,2,4-Trichlorobenzene	10.76	180	112912	32.523	ng		98
31) Naphthalene	10.95	128	280115	34.261	ng		98
32) Benzoic acid	10.15	122	8720	6.127	ng		93
33) 4-Chloroaniline	11.06	127	63687	18.341	ng		94
34) Hexachlorobutadiene	11.21	225	85941	31.186	ng		98
35) Caprolactam	11.85	113	33162	35.536	ng		90
36) 4-Chloro-3-methylphenol	12.17	107	114917	36.702	ng		99
37) 2-Methylnaphthalene	12.55	142	209136	34.730	ng		99
38) 1-Methylnaphthalene	12.77	142	200608	34.820	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	155797	35.687	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	166587	56.649	ng		95
43) 2,4,6-Trichlorophenol	13.16	196	98868	36.609	ng		99
44) 2,4,5-Trichlorophenol	13.23	196	105059	37.807	ng		98
46) 1,1'-Biphenyl	13.55	154	288002	36.033	ng		99
47) 2-Chloronaphthalene	13.60	162	240603	34.965	ng		98
48) 2-Nitroaniline	13.81	65	85562	33.951	ng		98
49) Acenaphthylene	14.44	152	375408	35.952	ng		99
50) Dimethylphthalate	14.17	163	397776	42.286	ng		99
51) 2,6-Dinitrotoluene	14.30	165	71294	35.944	ng		96
52) Acenaphthene	14.78	154	215357	35.122	ng		95
53) 3-Nitroaniline	14.64	138	42016	21.500	ng	#	91
54) 2,4-Dinitrophenol	14.84	184	36463	28.864	ng		91
55) Dibenzofuran	15.11	168	378223	35.477	ng		98
56) 4-Nitrophenol	14.94	139	104936	71.059	ng		96
57) 2,4-Dinitrotoluene	15.08	165	101518	35.013	ng		99
58) Fluorene	15.76	166	298443	35.587	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	107761	37.501	ng	#	99
60) Diethylphthalate	15.52	149	323316	33.815	ng		98
61) 4-Chlorophenyl-phenylether	15.75	204	186296	34.142	ng		97
62) 4-Nitroaniline	15.80	138	68946	32.987	ng		98
63) Azobenzene	16.04	77	300629	35.244	ng		98
65) 4,6-Dinitro-2-methylphenol	15.84	198	51936	30.121	ng		93
66) n-Nitrosodiphenylamine	15.96	169	268915	38.125	ng		99
67) 4-Bromophenyl-phenylether	16.65	248	123321	35.902	ng		93
68) Hexachlorobenzene	16.76	284	129182	35.121	ng		98
69) Atrazine	16.90	200	116721	47.985	ng		97
70) Pentachlorophenol	17.10	266	146290	77.671	ng		100
71) Phenanthrene	17.50	178	519707	36.682	ng		99
72) Anthracene	17.60	178	527301	37.752	ng		99
73) Carbazole	17.87	167	450163	36.842	ng		99
74) Di-n-butylphthalate	18.40	149	534934	35.087	ng		99
75) Fluoranthene	19.51	202	688029	36.554	ng		99
77) Benzidine	19.69	184	353285	53.480	ng		98
78) Pyrene	19.87	202	699544	37.980	ng		99
80) Butylbenzylphthalate	20.73	149	244500	35.095	ng		93
81) Benzo(a)anthracene	21.72	228	673121	36.401	ng		100
82) 3,3'-Dichlorobenzidine	21.63	252	120970	18.635	ng		99
83) Chrysene	21.79	228	647742	36.424	ng		99
84) Bis(2-ethylhexyl)phthalate	21.59	149	338536	35.656	ng		99
85) Di-n-octyl phthalate	22.81	149	583717	36.339	ng		99
86) Indeno(1,2,3-cd)pyrene	28.84	276	762405	36.135	ng	#	93
88) Benzo(b)fluoranthene	23.99	252	669385	37.385	ng		98
89) Benzo(k)fluoranthene	24.06	252	637800	35.957	ng		98
90) Benzo(a)pyrene	24.89	252	649127	38.387	ng		98
91) Dibenzo(a,h)anthracene	28.91	278	629807	36.995	ng		99
92) Benzo(g,h,i)perylene	30.06	276	624593	37.125	ng		98

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

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