Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070219\
Data File : BG041567.D
Acq On : 2 Jul 2019 11:25
Operator : HP/JU
Sample : K3519-06MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-19-LF2MW2MS

Quant Time: Jul 03 07:35:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:25:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	28383	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	96929	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	68947	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	179740	20.00	ng		0.00
76) Chrysene-d12	21.70	240	207640	20.00	ng		0.00
87) Perylene-d12	24.99	264	225956	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	101746	63.91	ng		0.00
7) Phenol-d6	7.19	99	86271	38.49	ng		0.00
23) Nitrobenzene-d5	9.22	82	220178	94.74	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	187582	159.34	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	517255	96.27	ng		0.00
79) Terphenyl-d14	20.03	244	1027639	105.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	10756	14.926	ng		97
3) Pyridine	3.84	79	21109	11.545	ng		90
4) n-Nitrosodimethylamine	3.75	42	16070	15.794	ng	#	92
6) Aniline	7.36	93	40816	14.129	ng		99
8) 2-Chlorophenol	7.59	128	63952	35.819	ng		97
9) Benzaldehyde	7.17	77	59486	43.952	ng		99
10) Phenol	7.22	94	29202	12.929	ng		99
11) bis(2-Chloroethyl)ether	7.45	93	71020	39.649	ng		98
12) 1,3-Dichlorobenzene	7.91	146	71355	30.895	ng		99
13) 1,4-Dichlorobenzene	8.07	146	72821	31.276	ng		97
14) 1,2-Dichlorobenzene	8.38	146	71962	32.280	ng		96
15) Benzyl Alcohol	8.28	79	41636	23.329	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.55	45	86021	34.198	ng		96
17) 2-Methylphenol	8.48	107	46717	28.414	ng		98
18) Hexachloroethane	9.11	117	27313	29.730	ng		95
19) n-Nitroso-di-n-propylamine	8.84	70	65001	38.884	ng		95
20) 3+4-Methylphenols	8.81	107	55360	25.262	ng		96
22) Acetophenone	8.87	105	130225	44.790	ng		99
24) Nitrobenzene	9.26	77	102682	44.017	ng		97
25) Isophorone	9.77	82	182533	43.746	ng		98
26) 2-Nitrophenol	9.97	139	47354	48.607	ng		92
27) 2,4-Dimethylphenol	10.02	122	63453	46.798	ng		97
28) bis(2-Chloroethoxy)methane	10.25	93	95357	43.218	ng		98
29) 2,4-Dichlorophenol	10.50	162	86028	46.973	ng		98
30) 1,2,4-Trichlorobenzene	10.71	180	90444	38.531	ng		96
31) Naphthalene	10.90	128	221972	41.409	ng		98
33) 4-Chloroaniline	11.02	127	45769	20.283	ng		96
34) Hexachlorobutadiene	11.16	225	64488	34.610	ng		98
35) Caprolactam	11.83	113	3785	6.619	ng	#	81
36) 4-Chloro-3-methylphenol	12.14	107	81396	41.019	ng		95
37) 2-Methylnaphthalene	12.51	142	171761	43.372	ng		95
38) 1-Methylnaphthalene	12.73	142	161646	42.785	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	134478	44.295	ng		99
41) Hexachlorocyclopentadiene	12.83	237	136499	82.737	ng		94

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.11	196	88322	49.033 ng		98
44) 2,4,5-Trichlorophenol	13.20	196	94871	52.867 ng		94
46) 1,1'-Biphenyl	13.51	154	243469	44.734 ng		98
47) 2-Chloronaphthalene	13.56	162	199315	42.656 ng		97
48) 2-Nitroaniline	13.78	65	65828	41.559 ng	#	89
49) Acenaphthylene	14.41	152	316229	45.278 ng		98
50) Dimethylphthalate	14.13	163	284716	45.378 ng		99
51) 2,6-Dinitrotoluene	14.26	165	60172	45.191 ng		94
52) Acenaphthene	14.74	154	182356	44.030 ng		100
53) 3-Nitroaniline	14.61	138	26069	20.509 ng		99
54) 2,4-Dinitrophenol	14.82	184	25793	34.275 ng		92
55) Dibenzofuran	15.08	168	329714	45.729 ng		99
56) 4-Nitrophenol	14.92	139	25391	30.952 ng		93
57) 2,4-Dinitrotoluene	15.05	165	87713	45.408 ng	#	99
58) Fluorene	15.72	166	262608	45.782 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	97824	51.710 ng		97
60) Diethylphthalate	15.48	149	280596	43.690 ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	163892	44.297 ng		98
62) 4-Nitroaniline	15.77	138	51520	41.587 ng		98
63) Azobenzene	16.00	77	241089	44.524 ng		98
65) 4,6-Dinitro-2-methylphenol	15.82	198	48502	43.570 ng		97
66) n-Nitrosodiphenylamine	15.93	169	236708	47.850 ng		99
67) 4-Bromophenyl-phenylether	16.60	248	113186	46.081 ng		95
68) Hexachlorobenzene	16.72	284	116685	44.092 ng		98
69) Atrazine	16.87	200	108270	51.706 ng		97
70) Pentachlorophenol	17.08	266	78173	65.192 ng		94
71) Phenanthrene	17.47	178	463177	46.772 ng		100
72) Anthracene	17.56	178	473554	47.793 ng		100
73) Carbazole	17.84	167	413356	49.073 ng		98
74) Di-n-butylphthalate	18.37	149	496608	46.908 ng		99
75) Fluoranthene	19.48	202	650690	49.282 ng		98
77) Benzidine	19.66	184	146685	31.839 ng		100
78) Pyrene	19.84	202	654205	46.152 ng		100
80) Butylbenzylphthalate	20.70	149	240345	45.401 ng		96
81) Benzo(a)anthracene	21.68	228	666766	46.189 ng		98
82) 3,3'-Dichlorobenzidine	21.60	252	138244	27.656 ng		99
83) Chrysene	21.75	228	642313	45.968 ng		100
84) Bis(2-ethylhexyl)phthalate	21.54	149	340328	45.347 ng		100
85) Di-n-octyl phthalate	22.77	149	576285	45.375 ng		100
86) Indeno(1,2,3-cd)pyrene	28.77	276	788587	46.607 ng	#	99
88) Benzo(b)fluoranthene	23.94	252	660015	45.796 ng		100
89) Benzo(k)fluoranthene	24.01	252	651623	46.053 ng		98
90) Benzo(a)pyrene	24.83	252	649137	47.424 ng		98
91) Dibenzo(a,h)anthracene	28.83	278	652605	47.590 ng		98
92) Benzo(g,h,i)perylene	29.96	276	650715	47.726 ng		100

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

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