Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070519\
Data File : BG041613.D
Acq On : 5 Jul 2019 16:02
Operator : HP/JU
Sample : K3668-09MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TRANSFORMER-T2MSD

Quant Time: Jul 08 01:34:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 17:58:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	28889	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	109820	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	76179	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	206993	20.00	ng		0.00
76) Chrysene-d12	21.68	240	234088	20.00	ng		0.00
87) Perylene-d12	24.96	264	246371	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	100905	62.27	ng		0.00
7) Phenol-d6	7.18	99	148457	65.08	ng		0.00
23) Nitrobenzene-d5	9.20	82	99795	37.90	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	89733	68.99	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	239560	40.35	ng		0.00
79) Terphenyl-d14	20.01	244	491248	44.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	11081	15.107	ng		95
3) Pyridine	3.82	79	25456	13.678	ng		98
4) n-Nitrosodimethylamine	3.74	42	17494	16.892	ng	#	92
6) Aniline	7.34	93	37680	12.815	ng		97
8) 2-Chlorophenol	7.58	128	36809	20.255	ng		94
9) Benzaldehyde	7.16	77	23048	16.731	ng		89
10) Phenol	7.21	94	48181	20.958	ng		94
11) bis(2-Chloroethyl)ether	7.43	93	30673	16.824	ng		94
12) 1,3-Dichlorobenzene	7.90	146	40634	17.285	ng		96
13) 1,4-Dichlorobenzene	8.05	146	42539	17.950	ng		97
14) 1,2-Dichlorobenzene	8.37	146	39055	17.212	ng		95
15) Benzyl Alcohol	8.26	79	31690	17.445	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	37996	14.841	ng		95
17) 2-Methylphenol	8.46	107	32283	19.291	ng		97
18) Hexachloroethane	9.10	117	15775	16.870	ng		94
19) n-Nitroso-di-n-propylamine	8.82	70	28235	16.594	ng		94
20) 3+4-Methylphenols	8.80	107	43102	19.324	ng		97
22) Acetophenone	8.85	105	59451	18.047	ng	#	100
24) Nitrobenzene	9.24	77	46975	17.773	ng		99
25) Isophorone	9.76	82	81356	17.209	ng		96
26) 2-Nitrophenol	9.96	139	20575	18.640	ng		93
27) 2,4-Dimethylphenol	10.00	122	33697	21.935	ng		95
28) bis(2-Chloroethoxy)methane	10.24	93	43147	17.260	ng		99
29) 2,4-Dichlorophenol	10.50	162	42194	20.335	ng		97
30) 1,2,4-Trichlorobenzene	10.70	180	46882	17.628	ng		97
31) Naphthalene	10.89	128	112692	18.555	ng		98
33) 4-Chloroaniline	11.01	127	33136	12.961	ng		96
34) Hexachlorobutadiene	11.15	225	36643	17.357	ng		99
35) Caprolactam	11.81	113	12772m	19.713	ng		
36) 4-Chloro-3-methylphenol	12.13	107	43835	19.498	ng		98
37) 2-Methylnaphthalene	12.49	142	82098	18.297	ng		98
38) 1-Methylnaphthalene	12.71	142	77208	18.037	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	64145	19.122	ng		100
41) Hexachlorocyclopentadiene	12.82	237	52766	31.318	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.10	196	39213	19.703	ng		99
44) 2,4,5-Trichlorophenol	13.19	196	40310	20.330	ng		93
46) 1,1'-Biphenyl	13.50	154	114302	19.008	ng		99
47) 2-Chloronaphthalene	13.55	162	94472	18.299	ng		100
48) 2-Nitroaniline	13.76	65	27708	15.832	ng		91
49) Acenaphthylene	14.39	152	146602	18.998	ng		99
50) Dimethylphthalate	14.11	163	149918	21.626	ng		99
51) 2,6-Dinitrotoluene	14.25	165	27242	18.517	ng		97
52) Acenaphthene	14.73	154	84487	18.463	ng		99
53) 3-Nitroaniline	14.59	138	20646	14.700	ng	#	92
54) 2,4-Dinitrophenol	14.83	184	3253m	10.958	ng		
55) Dibenzofuran	15.06	168	152871	19.189	ng		99
56) 4-Nitrophenol	14.90	139	35407	39.064	ng		88
57) 2,4-Dinitrotoluene	15.04	165	39130	18.334	ng		94
58) Fluorene	15.71	166	118944	18.768	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.29	232	44449m	21.265	ng		
60) Diethylphthalate	15.46	149	128407	18.096	ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	73278	17.925	ng		97
62) 4-Nitroaniline	15.75	138	23685	17.304	ng		98
63) Azobenzene	15.99	77	107500	17.968	ng		97
65) 4,6-Dinitro-2-methylphenol	15.80	198	16661	12.996	ng		95
66) n-Nitrosodiphenylamine	15.91	169	107024	18.786	ng		98
67) 4-Bromophenyl-phenylether	16.59	248	50656	17.908	ng		92
68) Hexachlorobenzene	16.71	284	56256	18.459	ng		97
69) Atrazine	16.86	200	47215	19.580	ng		98
70) Pentachlorophenol	17.06	266	42469	30.754	ng		95
71) Phenanthrene	17.46	178	212928	18.671	ng		98
72) Anthracene	17.55	178	215950	18.925	ng		99
73) Carbazole	17.82	167	186666	19.243	ng		99
74) Di-n-butylphthalate	18.35	149	218476	17.920	ng		99
75) Fluoranthene	19.46	202	294653	19.378	ng		97
77) Benzidine	19.65	184	93039	17.913	ng		99
78) Pyrene	19.83	202	295022	18.462	ng		99
80) Butylbenzylphthalate	20.69	149	99773	16.718	ng		98
81) Benzo(a)anthracene	21.66	228	294452	18.093	ng		96
82) 3,3'-Dichlorobenzidine	21.58	252	70755	12.555	ng	#	95
83) Chrysene	21.73	228	287976	18.281	ng		99
84) Bis(2-ethylhexyl)phthalate	21.52	149	150117	17.742	ng		97
85) Di-n-octyl phthalate	22.74	149	241464	16.864	ng		99
86) Indeno(1,2,3-cd)pyrene	28.71	276	339453	17.796	ng	#	91
88) Benzo(b)fluoranthene	23.90	252	289600	18.429	ng		99
89) Benzo(k)fluoranthene	23.97	252	285839	18.528	ng		99
90) Benzo(a)pyrene	24.80	252	284920	19.091	ng		96
91) Dibenzo(a,h)anthracene	28.77	278	282976	18.926	ng		99
92) Benzo(g,h,i)perylene	29.90	276	287678	19.351	ng		99

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

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