Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070519\
Data File : BG041612.D
Acq On : 5 Jul 2019 15:24
Operator : HP/JU
Sample : K3668-09MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TRANSFORMER-T2MS

Quant Time: Jul 05 18:19:39 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	29489	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	109246	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	78705	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	208877	20.00	ng		0.00
76) Chrysene-d12	21.68	240	232993	20.00	ng		0.00
87) Perylene-d12	24.96	264	252181	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	102183	61.78	ng		0.00
7) Phenol-d6	7.18	99	149931	64.39	ng		0.00
23) Nitrobenzene-d5	9.20	82	103356	39.46	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	92345	68.72	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	241960	39.45	ng		0.00
79) Terphenyl-d14	20.01	244	503617	45.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	11327	15.128	ng		88
3) Pyridine	3.81	79	27327	14.385	ng		98
4) n-Nitrosodimethylamine	3.74	42	18682	17.673	ng	#	74
6) Aniline	7.34	93	37821	12.601	ng		97
8) 2-Chlorophenol	7.58	128	36817	19.848	ng		97
9) Benzaldehyde	7.16	77	23133	16.451	ng		87
10) Phenol	7.21	94	48281	20.574	ng		97
11) bis(2-Chloroethyl)ether	7.44	93	32706	17.574	ng		97
12) 1,3-Dichlorobenzene	7.90	146	40518	16.885	ng		95
13) 1,4-Dichlorobenzene	8.05	146	41426	17.125	ng		94
14) 1,2-Dichlorobenzene	8.37	146	40179	17.347	ng		94
15) Benzyl Alcohol	8.26	79	32888	17.736	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.55	45	38870	14.873	ng		97
17) 2-Methylphenol	8.46	107	33608	19.674	ng		94
18) Hexachloroethane	9.09	117	16366	17.146	ng		96
19) n-Nitroso-di-n-propylamine	8.82	70	29022	16.710	ng		97
20) 3+4-Methylphenols	8.80	107	43170	18.961	ng		99
22) Acetophenone	8.85	105	60299	18.401	ng	#	100
24) Nitrobenzene	9.24	77	47527	18.077	ng		93
25) Isophorone	9.75	82	82561	17.556	ng		98
26) 2-Nitrophenol	9.95	139	20780	18.925	ng		99
27) 2,4-Dimethylphenol	10.00	122	34312	22.453	ng		97
28) bis(2-Chloroethoxy)methane	10.24	93	43747	17.592	ng		98
29) 2,4-Dichlorophenol	10.49	162	41873	20.286	ng		97
30) 1,2,4-Trichlorobenzene	10.70	180	48752	18.427	ng		98
31) Naphthalene	10.89	128	113894	18.852	ng		98
33) 4-Chloroaniline	11.01	127	33879	13.321	ng		94
34) Hexachlorobutadiene	11.14	225	37301	17.762	ng		99
35) Caprolactam	11.81	113	12654	19.633	ng	#	76
36) 4-Chloro-3-methylphenol	12.13	107	44679	19.977	ng		95
37) 2-Methylnaphthalene	12.49	142	84628	18.960	ng		98
38) 1-Methylnaphthalene	12.71	142	78853	18.518	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	65112	18.788	ng		99
41) Hexachlorocyclopentadiene	12.82	237	55078	31.603	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.10	196	40328	19.613	ng		99
44) 2,4,5-Trichlorophenol	13.19	196	42642	20.816	ng		95
46) 1,1'-Biphenyl	13.49	154	114725	18.466	ng		96
47) 2-Chloronaphthalene	13.55	162	96064	18.010	ng		100
48) 2-Nitroaniline	13.76	65	28914	15.991	ng		90
49) Acenaphthylene	14.39	152	149979	18.812	ng		100
50) Dimethylphthalate	14.11	163	154986	21.639	ng		100
51) 2,6-Dinitrotoluene	14.25	165	28369	18.664	ng		97
52) Acenaphthene	14.73	154	85223	18.026	ng		95
53) 3-Nitroaniline	14.59	138	20429	14.079	ng	#	90
54) 2,4-Dinitrophenol	14.83	184	3142	10.763	ng	#	89
55) Dibenzofuran	15.06	168	155536	18.897	ng		99
56) 4-Nitrophenol	14.90	139	35858	38.292	ng		90
57) 2,4-Dinitrotoluene	15.04	165	38702	17.552	ng		94
58) Fluorene	15.71	166	119639	18.271	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	47608m	22.045	ng		
60) Diethylphthalate	15.46	149	129537	17.669	ng		100
61) 4-Chlorophenyl-phenylether	15.69	204	76473	18.107	ng		97
62) 4-Nitroaniline	15.75	138	24415	17.265	ng		92
63) Azobenzene	15.99	77	110240	17.835	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	17878	13.820	ng		91
66) n-Nitrosodiphenylamine	15.91	169	110577	19.235	ng		97
67) 4-Bromophenyl-phenylether	16.59	248	52164	18.275	ng		97
68) Hexachlorobenzene	16.71	284	53938	17.538	ng		98
69) Atrazine	16.85	200	48752	20.035	ng		96
70) Pentachlorophenol	17.07	266	42919	30.799	ng		94
71) Phenanthrene	17.45	178	216532	18.815	ng		99
72) Anthracene	17.55	178	214455	18.624	ng		98
73) Carbazole	17.82	167	191057	19.518	ng		99
74) Di-n-butylphthalate	18.35	149	219716	17.859	ng		98
75) Fluoranthene	19.46	202	304599	19.852	ng		96
77) Benzidine	19.65	184	89958	17.401	ng		97
78) Pyrene	19.83	202	301769	18.972	ng		98
80) Butylbenzylphthalate	20.69	149	104755	17.635	ng		94
81) Benzo(a)anthracene	21.66	228	300704	18.564	ng		97
82) 3,3'-Dichlorobenzidine	21.58	252	68349	12.185	ng		97
83) Chrysene	21.73	228	296003	18.879	ng		98
84) Bis(2-ethylhexyl)phthalate	21.53	149	154044	18.292	ng		97
85) Di-n-octyl phthalate	22.74	149	251742	17.665	ng		99
86) Indeno(1,2,3-cd)pyrene	28.72	276	346015	18.225	ng	#	94
88) Benzo(b)fluoranthene	23.91	252	297828	18.516	ng		98
89) Benzo(k)fluoranthene	23.98	252	293863	18.609	ng		99
90) Benzo(a)pyrene	24.80	252	286382	18.746	ng	#	99
91) Dibenzo(a,h)anthracene	28.77	278	290289	18.968	ng		99
92) Benzo(g,h,i)perylene	29.90	276	293132	19.264	ng		96

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

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