Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
Data File : BG041602.D
Acq On : 3 Jul 2019 22:56
Operator : HP/JU
Sample : K3650-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-PS-01-051MSD

Manual Integrations APPROVED
mohammad
7/8/2019 2:11:39 PM

Quant Time: Jul 05 08:41:15 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	29228	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	108896	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	77218	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	207205	20.00	ng		0.00
76) Chrysene-d12	21.69	240	222746	20.00	ng		0.00
87) Perylene-d12	24.98	264	247416	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	159567	97.33	ng		0.00
7) Phenol-d6	7.19	99	227447	98.55	ng		0.00
23) Nitrobenzene-d5	9.21	82	159884	61.24	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	129657	98.34	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	347696	57.78	ng		0.00
79) Terphenyl-d14	20.02	244	665733	63.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	16606	22.377	ng		91
3) Pyridine	3.82	79	35238	18.715	ng		95
4) n-Nitrosodimethylamine	3.75	42	28216	26.930	ng	#	91
6) Aniline	7.35	93	24207	8.137	ng		94
8) 2-Chlorophenol	7.59	128	57220	31.122	ng		97
9) Benzaldehyde	7.17	77	35116	25.196	ng		91
10) Phenol	7.22	94	72628	31.225	ng		96
11) bis(2-Chloroethyl)ether	7.45	93	47405	25.700	ng		97
12) 1,3-Dichlorobenzene	7.91	146	62987	26.483	ng		98
13) 1,4-Dichlorobenzene	8.06	146	65410	27.281	ng		99
14) 1,2-Dichlorobenzene	8.38	146	61599	26.833	ng		99
15) Benzyl Alcohol	8.28	79	51475	28.008	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.55	45	59711	23.052	ng		94
17) 2-Methylphenol	8.48	107	52031	30.731	ng		98
18) Hexachloroethane	9.10	117	23650	24.999	ng		91
19) n-Nitroso-di-n-propylamine	8.83	70	43048	25.007	ng	#	95
20) 3+4-Methylphenols	8.80	107	67858	30.070	ng		95
22) Acetophenone	8.86	105	91678	28.067	ng	#	98
24) Nitrobenzene	9.26	77	73233	27.943	ng		97
25) Isophorone	9.77	82	126128	26.906	ng		99
26) 2-Nitrophenol	9.97	139	32422	29.623	ng	#	85
27) 2,4-Dimethylphenol	10.01	122	49844	32.721	ng		99
28) bis(2-Chloroethoxy)methane	10.25	93	64494	26.018	ng		97
29) 2,4-Dichlorophenol	10.50	162	64972	31.578	ng		96
30) 1,2,4-Trichlorobenzene	10.71	180	73337	27.809	ng		94
31) Naphthalene	10.90	128	176058	29.235	ng		97
32) Benzoic acid	10.14	122	6319m	12.679	ng		
33) 4-Chloroaniline	11.03	127	22433	8.849	ng	#	88
34) Hexachlorobutadiene	11.15	225	52568	25.112	ng		97
35) Caprolactam	11.81	113	17676m	27.513	ng		
36) 4-Chloro-3-methylphenol	12.14	107	68467	30.712	ng		96
37) 2-Methylnaphthalene	12.51	142	123873	27.842	ng		99
38) 1-Methylnaphthalene	12.72	142	116808	27.519	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	98401	28.940	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	64886	37.216	ng		93
43) 2,4,6-Trichlorophenol	13.11	196	62719	31.090	ng		96
44) 2,4,5-Trichlorophenol	13.19	196	67404	33.538	ng		93
46) 1,1'-Biphenyl	13.50	154	166724	27.352	ng		96
47) 2-Chloronaphthalene	13.56	162	142804	27.288	ng		97
48) 2-Nitroaniline	13.77	65	46468	26.194	ng		93
49) Acenaphthylene	14.40	152	224709	28.728	ng		100
50) Dimethylphthalate	14.12	163	272553	38.787	ng		99
51) 2,6-Dinitrotoluene	14.26	165	43496	29.168	ng	#	87
52) Acenaphthene	14.74	154	126931	27.365	ng		98
53) 3-Nitroaniline	14.60	138	25574	17.964	ng		85
54) 2,4-Dinitrophenol	14.81	184	33205	38.210	ng		99
55) Dibenzofuran	15.07	168	230455	28.539	ng		98
56) 4-Nitrophenol	14.91	139	60451	65.798	ng		93
57) 2,4-Dinitrotoluene	15.05	165	61661	28.502	ng		95
58) Fluorene	15.72	166	181789	28.298	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	68013	32.101	ng		98
60) Diethylphthalate	15.48	149	192353	26.742	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	112700	27.198	ng		95
62) 4-Nitroaniline	15.77	138	33848	24.396	ng		92
63) Azobenzene	16.00	77	167042	27.544	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	32365	25.220	ng		97
66) n-Nitrosodiphenylamine	15.93	169	166786	29.247	ng		96
67) 4-Bromophenyl-phenylether	16.60	248	77014	27.199	ng		95
68) Hexachlorobenzene	16.71	284	83371	27.328	ng		97
69) Atrazine	16.87	200	73907	30.617	ng		97
70) Pentachlorophenol	17.07	266	93745	67.815	ng		95
71) Phenanthrene	17.46	178	313553	27.466	ng		99
72) Anthracene	17.56	178	318459	27.880	ng		100
73) Carbazole	17.83	167	284379	29.286	ng		99
74) Di-n-butylphthalate	18.36	149	308875	25.308	ng		99
75) Fluoranthene	19.47	202	414597	27.239	ng		99
77) Benzidine	19.67	184	25623	5.184	ng		97
78) Pyrene	19.84	202	414309	27.246	ng		99
80) Butylbenzylphthalate	20.70	149	139818	24.620	ng		95
81) Benzo(a)anthracene	21.68	228	418780	27.043	ng		100
82) 3,3'-Dichlorobenzidine	21.60	252	86587	16.147	ng		95
83) Chrysene	21.74	228	405366	27.043	ng		97
84) Bis(2-ethylhexyl)phthalate	21.54	149	208499	25.897	ng		100
85) Di-n-octyl phthalate	22.76	149	356018	26.131	ng		99
86) Indeno(1,2,3-cd)pyrene	28.75	276	492381	27.127	ng		98
88) Benzo(b)fluoranthene	23.93	252	425471	26.961	ng		100
89) Benzo(k)fluoranthene	24.00	252	402913	26.006	ng		100
90) Benzo(a)pyrene	24.83	252	406394	27.115	ng	#	99
91) Dibenzo(a,h)anthracene	28.81	278	411638	27.415	ng		99
92) Benzo(g,h,i)perylene	29.94	276	409870	27.454	ng		97

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

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