Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060719\
Data File : BG041106.D
Acq On : 7 Jun 2019 17:57
Operator : HP/JU
Sample : K3189-07MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-8CMSD

Manual Integrations APPROVED
mohammad
6/11/2019 8:54:25 AM

Quant Time: Jun 08 17:58:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 08 17:33:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	49628	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	209823	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	149913	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	350830	20.00	ng		0.00
76) Chrysene-d12	21.76	240	340070	20.00	ng		0.00
87) Perylene-d12	25.09	264	362658	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	365310	132.73	ng		0.00
7) Phenol-d6	7.26	99	556349	130.89	ng		0.00
23) Nitrobenzene-d5	9.29	82	374327	79.20	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	259056	116.40	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	776386	74.58	ng		0.00
79) Terphenyl-d14	20.08	244	1171172	73.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	34875	27.925	ng		96
3) Pyridine	3.91	79	99669	26.971	ng		97
4) n-Nitrosodimethylamine	3.83	42	63640	37.106	ng		94
6) Aniline	7.43	93	108240	19.078	ng		99
8) 2-Chlorophenol	7.67	128	138691	42.269	ng		98
9) Benzaldehyde	7.24	77	49873	19.670	ng		96
10) Phenol	7.28	94	192195	42.172	ng		96
11) bis(2-Chloroethyl)ether	7.53	93	126641	38.305	ng		97
12) 1,3-Dichlorobenzene	7.99	146	140087	35.747	ng		97
13) 1,4-Dichlorobenzene	8.14	146	142017	35.802	ng		96
14) 1,2-Dichlorobenzene	8.46	146	140445	36.465	ng		97
15) Benzyl Alcohol	8.35	79	163044	41.467	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	198289	36.704	ng		97
17) 2-Methylphenol	8.54	107	134380	40.724	ng		96
18) Hexachloroethane	9.19	117	56192	36.754	ng		97
19) n-Nitroso-di-n-propylamine	8.91	70	126908	38.798	ng		95
20) 3+4-Methylphenols	8.87	107	187153	40.945	ng		95
22) Acetophenone	8.94	105	234918	39.912	ng	#	98
24) Nitrobenzene	9.33	77	191509	39.760	ng		96
25) Isophorone	9.85	82	360062	40.030	ng		99
26) 2-Nitrophenol	10.04	139	85058	42.836	ng		99
27) 2,4-Dimethylphenol	10.08	122	148294	45.219	ng		95
28) bis(2-Chloroethoxy)methane	10.32	93	189040	38.940	ng		98
29) 2,4-Dichlorophenol	10.57	162	169975	40.815	ng		96
30) 1,2,4-Trichlorobenzene	10.79	180	180373	38.074	ng		97
31) Naphthalene	10.98	128	445725	39.565	ng		98
32) Benzoic acid	10.22	122	79249	33.944	ng	#	87
33) 4-Chloroaniline	11.09	127	57865	11.070	ng		97
34) Hexachlorobutadiene	11.24	225	132607	36.582	ng		98
35) Caprolactam	11.88	113	50540m	36.751	ng		
36) 4-Chloro-3-methylphenol	12.20	107	188909	39.719	ng		98
37) 2-Methylnaphthalene	12.58	142	330221	38.059	ng		96
38) 1-Methylnaphthalene	12.80	142	319737	39.106	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	245409	40.615	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	303898	92.168	ng		95
43) 2,4,6-Trichlorophenol	13.17	196	159666	40.847	ng		97
44) 2,4,5-Trichlorophenol	13.25	196	167255	40.572	ng		98
46) 1,1'-Biphenyl	13.57	154	448339	40.402	ng		99
47) 2-Chloronaphthalene	13.62	162	372311	39.082	ng		97
48) 2-Nitroaniline	13.83	65	129356	37.850	ng		98
49) Acenaphthylene	14.46	152	563637	39.311	ng		99
50) Dimethylphthalate	14.19	163	622420	49.047	ng		98
51) 2,6-Dinitrotoluene	14.32	165	105479	38.551	ng		97
52) Acenaphthene	14.81	154	327952	37.757	ng		97
53) 3-Nitroaniline	14.65	138	63095	23.061	ng		98
54) 2,4-Dinitrophenol	14.86	184	140957	92.577	ng		95
55) Dibenzofuran	15.13	168	566046	38.730	ng		100
56) 4-Nitrophenol	14.95	139	163225	86.976	ng		99
57) 2,4-Dinitrotoluene	15.10	165	149081	38.572	ng		99
58) Fluorene	15.79	166	439684	37.776	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.36	232	166437	41.083	ng		99
60) Diethylphthalate	15.54	149	473076	36.529	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	277362	36.662	ng		96
62) 4-Nitroaniline	15.82	138	103609	35.770	ng		97
63) Azobenzene	16.06	77	432747	36.765	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	93570	49.455	ng		95
66) n-Nitrosodiphenylamine	15.99	169	397567	40.312	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	176040	37.182	ng		99
68) Hexachlorobenzene	16.78	284	180918	35.885	ng		99
69) Atrazine	16.93	200	166157	43.663	ng		98
70) Pentachlorophenol	17.13	266	227982	84.179	ng		99
71) Phenanthrene	17.53	178	729453	39.917	ng		100
72) Anthracene	17.62	178	732909	40.665	ng		100
73) Carbazole	17.89	167	638172	41.266	ng		98
74) Di-n-butylphthalate	18.42	149	717659	37.338	ng		99
75) Fluoranthene	19.53	202	906006	40.139	ng		99
77) Benzidine	19.71	184	193056	23.797	ng		98
78) Pyrene	19.89	202	897344	40.591	ng		98
80) Butylbenzylphthalate	20.76	149	355382	41.309	ng		99
81) Benzo(a)anthracene	21.74	228	873711	38.596	ng		98
82) 3,3'-Dichlorobenzidine	21.66	252	179167	22.503	ng		96
83) Chrysene	21.81	228	856176	39.523	ng		98
84) Bis(2-ethylhexyl)phthalate	21.61	149	596863	49.284	ng		100
85) Di-n-octyl phthalate	22.85	149	797337	39.532	ng		100
86) Indeno(1,2,3-cd)pyrene	28.91	276	1028628	38.763	ng	#	98
88) Benzo(b)fluoranthene	24.02	252	862310	39.202	ng		99
89) Benzo(k)fluoranthene	24.09	252	856445	39.346	ng		99
90) Benzo(a)pyrene	24.93	252	854758	40.730	ng		100
91) Dibenzo(a,h)anthracene	28.97	278	833943	39.769	ng		98
92) Benzo(g,h,i)perylene	30.12	276	852214	41.831	ng		99

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

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