Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082219\
Data File : BG042401.D
Acq On : 22 Aug 2019 12:54
Operator : HP/JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Jagrut
8/23/2019 2:54:11 PM

Quant Time: Aug 22 14:36:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 11:44:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	55972	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	235078	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	174666	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	399341	20.00	ng		0.00
76) Chrysene-d12	21.70	240	384594	20.00	ng		0.00
87) Perylene-d12	24.94	264	474596	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	438851	158.86	ng		0.00
7) Phenol-d6	7.18	99	588315	156.81	ng		0.00
23) Nitrobenzene-d5	9.18	82	538922	161.24	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	391629	164.63	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	1541032	149.29	ng		0.00
79) Terphenyl-d14	20.03	244	2323269	132.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	88154	73.995	ng		99
3) Pyridine	3.83	79	228506	74.879	ng		100
4) n-Nitrosodimethylamine	3.74	42	87866	83.632	ng	#	99
6) Aniline	7.32	93	392925	79.354	ng		98
8) 2-Chlorophenol	7.57	128	260947	77.700	ng		98
9) Benzaldehyde	7.14	77	121598	57.618	ng		98
10) Phenol	7.20	94	297342	77.952	ng		95
11) bis(2-Chloroethyl)ether	7.42	93	234546	77.849	ng		100
12) 1,3-Dichlorobenzene	7.89	146	334614	78.286	ng		99
13) 1,4-Dichlorobenzene	8.04	146	338256	78.571	ng		97
14) 1,2-Dichlorobenzene	8.36	146	321637	78.287	ng		99
15) Benzyl Alcohol	8.25	79	215867	83.659	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.54	45	313790	75.527	ng		99
17) 2-Methylphenol	8.46	107	223536	79.257	ng		95
18) Hexachloroethane	9.10	117	116009	78.407	ng		93
19) n-Nitroso-di-n-propylamine	8.82	70	191261	79.255	ng		96
20) 3+4-Methylphenols	8.79	107	308740	79.124	ng		99
22) Acetophenone	8.83	105	396273	79.335	ng		99
24) Nitrobenzene	9.22	77	272091	79.894	ng		97
25) Isophorone	9.75	82	530700	79.404	ng		100
26) 2-Nitrophenol	9.93	139	173915	82.146	ng		98
27) 2,4-Dimethylphenol	10.00	122	237643	80.910	ng		98
28) bis(2-Chloroethoxy)methane	10.23	93	333197	77.396	ng		99
29) 2,4-Dichlorophenol	10.48	162	312455	80.008	ng		99
30) 1,2,4-Trichlorobenzene	10.69	180	377047	78.985	ng		99
31) Naphthalene	10.88	128	852568	78.261	ng		99
32) Benzoic acid	10.20	122	182364	93.193	ng		96
33) 4-Chloroaniline	10.98	127	399960	80.512	ng		99
34) Hexachlorobutadiene	11.17	225	253266	79.169	ng		99
35) Caprolactam	11.79	113	103906	83.480	ng		99
36) 4-Chloro-3-methylphenol	12.12	107	292739	80.196	ng		99
37) 2-Methylnaphthalene	12.49	142	686767	78.643	ng		99
38) 1-Methylnaphthalene	12.71	142	648511	77.962	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	438514	77.889	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	261404	91.683	ng	100
43) 2,4,6-Trichlorophenol	13.10	196	301618	80.043	ng	98
44) 2,4,5-Trichlorophenol	13.18	196	313397	80.750	ng	98
46) 1,1'-Biphenyl	13.50	154	882586	77.450	ng	99
47) 2-Chloronaphthalene	13.54	162	755966	77.815	ng	95
48) 2-Nitroaniline	13.75	65	190727	83.068	ng	99
49) Acenaphthylene	14.39	152	1127720	77.217	ng	96
50) Dimethylphthalate	14.12	163	962624	77.560	ng	98
51) 2,6-Dinitrotoluene	14.24	165	229985	79.174	ng	98
52) Acenaphthene	14.73	154	688073	77.232	ng	99
53) 3-Nitroaniline	14.57	138	233951	81.910	ng	99
54) 2,4-Dinitrophenol	14.78	184	157273	97.531	ng	100
55) Dibenzofuran	15.07	168	1117138	76.982	ng	97
56) 4-Nitrophenol	14.89	139	176270	85.546	ng	99
57) 2,4-Dinitrotoluene	15.03	165	333982	82.236	ng	98
58) Fluorene	15.72	166	910154	77.098	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	305992m	81.179	ng	
60) Diethylphthalate	15.48	149	936098	77.958	ng	96
61) 4-Chlorophenyl-phenylether	15.71	204	555829	78.406	ng	99
62) 4-Nitroaniline	15.74	138	247571	82.025	ng	99
63) Azobenzene	16.00	77	648971	77.555	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	213432	87.594	ng	98
66) n-Nitrosodiphenylamine	15.93	169	846541	75.758	ng	97
67) 4-Bromophenyl-phenylether	16.60	248	398381	78.391	ng	100
68) Hexachlorobenzene	16.73	284	429012	78.809	ng	98
69) Atrazine	16.87	200	247517	64.622	ng	97
70) Pentachlorophenol	17.07	266	243904	84.169	ng	99
71) Phenanthrene	17.46	178	1475490	74.187	ng	95
72) Anthracene	17.55	178	1485231	74.876	ng	96
73) Carbazole	17.82	167	1327500	75.339	ng	97
74) Di-n-butylphthalate	18.38	149	1540996	74.974	ng	97
75) Fluoranthene	19.47	202	1746254	72.811	ng	96
78) Pyrene	19.84	202	1740142	73.533	ng	94
80) Butylbenzylphthalate	20.72	149	717164	76.464	ng	99
81) Benzo(a)anthracene	21.68	228	1739756	73.661	ng	96
82) 3,3'-Dichlorobenzidine	21.59	252	715942	76.159	ng	99
83) Chrysene	21.75	228	1689726	74.788	ng	93
84) Bis(2-ethylhexyl)phthalate	21.58	149	983681	75.220	ng	97
85) Di-n-octyl phthalate	22.81	149	1695932	76.029	ng	99
86) Indeno(1,2,3-cd)pyrene	28.68	276	2424820	80.380	ng	99
88) Benzo(b)fluoranthene	23.92	252	2023027	77.552	ng	97
89) Benzo(k)fluoranthene	23.99	252	1863627	73.085	ng	97
90) Benzo(a)pyrene	24.80	252	1895297	75.823	ng	98
91) Dibenzo(a,h)anthracene	28.75	278	1935798	77.629	ng	97
92) Benzo(g,h,i)perylene	29.84	276	1967954	79.195	ng	99

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

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