Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
Data File : BG041664.D
Acq On : 16 Jul 2019 12:30
Operator : HP/JU
Sample : K3778-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
STOCKPILE-COMPMSD

Manual Integrations APPROVED
mohammad
7/17/2019 12:04:55 PM

Quant Time: Jul 17 02:10:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	115787	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	508893	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	336148	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	754427	20.00	ng	0.00
76) Chrysene-d12	21.66	240	603892	20.00	ng	0.00
87) Perylene-d12	24.85	264	719781	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	920935	130.02	ng	0.00
7) Phenol-d6	7.20	99	1311078	137.62	ng	0.00
23) Nitrobenzene-d5	9.21	82	795559	95.07	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	521809	137.74	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1716274	79.06	ng	0.00
79) Terphenyl-d14	20.01	244	2239631	86.67	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	88325	26.256	ng	98
3) Pyridine	3.88	79	231269	25.755	ng	100
4) n-Nitrosodimethylamine	3.80	42	149563	36.067	ng	100
6) Aniline	7.37	93	297921	23.268	ng	99
8) 2-Chlorophenol	7.62	128	352315	43.938	ng	98
9) Benzaldehyde	7.18	77	184368	29.304	ng	99
10) Phenol	7.23	94	448187	44.653	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	327139	40.356	ng	97
12) 1,3-Dichlorobenzene	7.94	146	356270	37.237	ng	99
13) 1,4-Dichlorobenzene	8.09	146	360991	37.676	ng	100
14) 1,2-Dichlorobenzene	8.40	146	351113	38.867	ng	97
15) Benzyl Alcohol	8.28	79	331890	43.759	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	672857	40.057	ng	100
17) 2-Methylphenol	8.48	107	315556	45.461	ng	99
18) Hexachloroethane	9.14	117	129774	36.978	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	296233	42.543	ng	99
20) 3+4-Methylphenols	8.81	107	438732	46.123	ng	97
22) Acetophenone	8.87	105	525775	42.420	ng	99
24) Nitrobenzene	9.25	77	394034	43.166	ng	98
25) Isophorone	9.78	82	778324	42.477	ng	99
26) 2-Nitrophenol	9.96	139	197968	47.345	ng	97
27) 2,4-Dimethylphenol	10.02	122	351507	48.485	ng	100
28) bis(2-Chloroethoxy)methane	10.26	93	474200	41.990	ng	98
29) 2,4-Dichlorophenol	10.50	162	387135	46.836	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	395629	40.764	ng	99
31) Naphthalene	10.91	128	1050475	41.929	ng	99
32) Benzoic acid	10.10	122	54736	14.711	ng	97
33) 4-Chloroaniline	11.01	127	152698	13.213	ng	98
34) Hexachlorobutadiene	11.20	225	244808	39.245	ng	98
35) Caprolactam	11.77	113	145436m	47.869	ng	
36) 4-Chloro-3-methylphenol	12.12	107	405643	46.845	ng	98
37) 2-Methylnaphthalene	12.51	142	822998	42.996	ng	99
38) 1-Methylnaphthalene	12.73	142	782218	42.865	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	477109	41.436	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	586689	90.074	ng		99
43) 2,4,6-Trichlorophenol	13.10	196	343445	45.906	ng		96
44) 2,4,5-Trichlorophenol	13.17	196	365771	46.402	ng		97
46) 1,1'-Biphenyl	13.51	154	1050240	41.703	ng		99
47) 2-Chloronaphthalene	13.56	162	850750	40.534	ng		99
48) 2-Nitroaniline	13.74	65	281592	46.080	ng		99
49) Acenaphthylene	14.40	152	1347013	41.111	ng		99
50) Dimethylphthalate	14.13	163	1362676	51.615	ng		99
51) 2,6-Dinitrotoluene	14.24	165	262017	46.790	ng		96
52) Acenaphthene	14.74	154	870673	42.167	ng		99
53) 3-Nitroaniline	14.56	138	152602	24.964	ng		94
54) 2,4-Dinitrophenol	14.76	184	155170	57.260	ng		89
55) Dibenzofuran	15.07	168	1276485	41.198	ng		99
56) 4-Nitrophenol	14.87	139	459856	92.915	ng		99
57) 2,4-Dinitrotoluene	15.02	165	355492	48.024	ng		97
58) Fluorene	15.72	166	1033276	40.984	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	343592	47.215	ng		97
60) Diethylphthalate	15.49	149	1089752	40.973	ng		100
61) 4-Chlorophenyl-phenylether	15.71	204	593249	41.628	ng		99
62) 4-Nitroaniline	15.72	138	275751	42.533	ng		99
63) Azobenzene	16.00	77	981942	40.837	ng		99
65) 4,6-Dinitro-2-methylphenol	15.78	198	178375	49.555	ng		96
66) n-Nitrosodiphenylamine	15.92	169	975143	44.015	ng		100
67) 4-Bromophenyl-phenylether	16.60	248	393811	43.870	ng		98
68) Hexachlorobenzene	16.72	284	383990	42.479	ng		98
69) Atrazine	16.86	200	366156	45.542	ng		99
70) Pentachlorophenol	17.06	266	509626	90.167	ng		99
71) Phenanthrene	17.45	178	1570460	41.335	ng		100
72) Anthracene	17.54	178	1609748	42.506	ng		99
73) Carbazole	17.80	167	1448004	41.227	ng		99
74) Di-n-butylphthalate	18.37	149	1600272	37.356	ng		98
75) Fluoranthene	19.45	202	1735634	37.204	ng		96
77) Benzidine	19.62	184	613588	26.364	ng		98
78) Pyrene	19.81	202	1719249	42.094	ng		96
80) Butylbenzylphthalate	20.70	149	713296	42.028	ng		97
81) Benzo(a)anthracene	21.64	228	1609682	41.255	ng		97
82) 3,3'-Dichlorobenzidine	21.55	252	339272	22.097	ng		97
83) Chrysene	21.70	228	1560448	41.854	ng		97
84) Bis(2-ethylhexyl)phthalate	21.57	149	1002065	41.817	ng		98
85) Di-n-octyl phthalate	22.78	149	1735827	42.535	ng		98
86) Indeno(1,2,3-cd)pyrene	28.51	276	2082750	42.338	ng	#	93
88) Benzo(b)fluoranthene	23.84	252	1789914	40.997	ng		98
89) Benzo(k)fluoranthene	23.91	252	1734696	42.879	ng		99
90) Benzo(a)pyrene	24.71	252	1765925	42.750	ng		98
91) Dibenzo(a,h)anthracene	28.58	278	1702517	42.507	ng		97
92) Benzo(g,h,i)perylene	29.64	276	1707747	42.548	ng		98

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

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