Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031919\
Data File : BG040015.D
Acq On : 19 Mar 2019 23:17
Operator : JU/SJ
Sample : K1941-07MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SPMS

Manual Integrations APPROVED
Sohil
3/20/2019 4:59:20 PM

Quant Time: Mar 20 04:51:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	35251	20.00	ng		-0.03
21) Naphthalene-d8	10.96	136	153780	20.00	ng		-0.03
39) Acenaphthene-d10	14.77	164	103576	20.00	ng		-0.02
64) Phenanthrene-d10	17.51	188	258071	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	261182	20.00	ng		-0.03
87) Perylene-d12	25.16	264	273548	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	288500	139.62	ng		-0.02
7) Phenol-d6	7.29	99	419227	136.07	ng		-0.02
23) Nitrobenzene-d5	9.33	82	251781	88.55	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	160612	133.04	ng		-0.01
45) 2-Fluorobiphenyl	13.39	172	549254	75.50	ng		-0.03
79) Terphenyl-d14	20.10	244	915692	77.19	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	31111	32.613	ng		97
3) Pyridine	3.98	79	43944	17.207	ng		97
4) n-Nitrosodimethylamine	3.90	42	50202	41.436	ng	#	97
6) Aniline	7.47	93	88328	21.882	ng		99
8) 2-Chlorophenol	7.70	128	101609	40.533	ng		98
9) Benzaldehyde	7.29	77	38265	19.254	ng		98
10) Phenol	7.32	94	160067	47.958	ng		97
11) bis(2-Chloroethyl)ether	7.56	93	101372	38.955	ng		97
12) 1,3-Dichlorobenzene	8.03	146	105649	37.264	ng		97
13) 1,4-Dichlorobenzene	8.18	146	109136	37.792	ng		98
14) 1,2-Dichlorobenzene	8.50	146	106468	38.158	ng		98
15) Benzyl Alcohol	8.39	79	102167	41.804	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.66	45	210341	40.415	ng		98
17) 2-Methylphenol	8.58	107	90110	42.341	ng		99
18) Hexachloroethane	9.23	117	39441	38.063	ng		92
19) n-Nitroso-di-n-propylamine	8.95	70	84109	37.928	ng		97
20) 3+4-Methylphenols	8.91	107	126774	42.879	ng		98
22) Acetophenone	8.97	105	158771	38.467	ng	#	96
24) Nitrobenzene	9.37	77	126402	42.376	ng		99
25) Isophorone	9.88	82	246749	41.417	ng		97
26) 2-Nitrophenol	10.08	139	61427	42.652	ng		97
27) 2,4-Dimethylphenol	10.12	122	106308	47.461	ng		94
28) bis(2-Chloroethoxy)methane	10.36	93	144232	39.837	ng		94
29) 2,4-Dichlorophenol	10.61	162	113452	44.987	ng		98
30) 1,2,4-Trichlorobenzene	10.82	180	111787	39.393	ng		99
31) Naphthalene	11.02	128	328727	40.374	ng		100
32) Benzoic acid	10.24	122	40057	29.064	ng		94
33) 4-Chloroaniline	11.13	127	64632	18.720	ng		97
34) Hexachlorobutadiene	11.28	225	73973	38.147	ng		92
35) Caprolactam	11.91	113	38455m	39.918	ng		
36) 4-Chloro-3-methylphenol	12.23	107	126678	43.820	ng		98
37) 2-Methylnaphthalene	12.61	142	251831	41.371	ng		98
38) 1-Methylnaphthalene	12.83	142	241268	40.785	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	137121	39.078	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	183281	97.468	ng		100
43) 2,4,6-Trichlorophenol	13.21	196	95033	46.261	ng		99
44) 2,4,5-Trichlorophenol	13.28	196	102731	44.365	ng		97
46) 1,1'-Biphenyl	13.61	154	342544	40.209	ng		99
47) 2-Chloronaphthalene	13.65	162	259306	40.461	ng		97
48) 2-Nitroaniline	13.86	65	95698	46.465	ng		98
49) Acenaphthylene	14.50	152	423647	40.268	ng		99
50) Dimethylphthalate	14.22	163	414295	47.835	ng		99
51) 2,6-Dinitrotoluene	14.35	165	81112	44.177	ng		98
52) Acenaphthene	14.84	154	256683	40.537	ng		98
53) 3-Nitroaniline	14.68	138	53493	28.983	ng	#	95
54) 2,4-Dinitrophenol	14.89	184	98600	84.816	ng		96
55) Dibenzofuran	15.16	168	422191	40.638	ng		98
56) 4-Nitrophenol	14.98	139	140141	84.880	ng		93
57) 2,4-Dinitrotoluene	15.14	165	113946	44.167	ng		89
58) Fluorene	15.82	166	333865	40.879	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.39	232	102281	45.228	ng		99
60) Diethylphthalate	15.57	149	371275	43.304	ng		99
61) 4-Chlorophenyl-phenylether	15.80	204	177706	40.775	ng		98
62) 4-Nitroaniline	15.85	138	86419	43.190	ng		99
63) Azobenzene	16.09	77	333624	42.927	ng		99
65) 4,6-Dinitro-2-methylphenol	15.89	198	69089	45.278	ng		98
66) n-Nitrosodiphenylamine	16.02	169	301767	40.391	ng		98
67) 4-Bromophenyl-phenylether	16.70	248	114702	39.707	ng		97
68) Hexachlorobenzene	16.81	284	119092	39.773	ng		98
69) Atrazine	16.96	200	124542	42.356	ng		97
70) Pentachlorophenol	17.16	266	154577	81.741	ng		93
71) Phenanthrene	17.56	178	571429	40.199	ng		99
72) Anthracene	17.65	178	577403	41.683	ng		99
73) Carbazole	17.93	167	515064	41.245	ng		99
74) Di-n-butylphthalate	18.45	149	615445	41.887	ng		99
75) Fluoranthene	19.56	202	674222	40.134	ng		99
77) Benzidine	19.74	184	13631	1.645	ng		97
78) Pyrene	19.92	202	688015	40.539	ng		99
80) Butylbenzylphthalate	20.79	149	291723	44.366	ng		96
81) Benzo(a)anthracene	21.79	228	650078	39.714	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	165184	27.640	ng		100
83) Chrysene	21.85	228	631083	39.768	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	413884	44.793	ng		100
85) Di-n-octyl phthalate	22.90	149	708101	46.284	ng		97
86) Indeno(1,2,3-cd)pyrene	29.03	276	753156	41.835	ng		98
88) Benzo(b)fluoranthene	24.09	252	673556	41.292	ng		98
89) Benzo(k)fluoranthene	24.16	252	635397	41.846	ng		98
90) Benzo(a)pyrene	25.00	252	646998	42.923	ng		99
91) Dibenzo(a,h)anthracene	29.09	278	617278	41.772	ng		99
92) Benzo(g,h,i)perylene	30.25	276	626266	42.198	ng		98

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

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