Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
Data File : BG042608.D
Acq On : 30 Aug 2019 19:59
Operator : HP/JU
Sample : K4409-17MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MSD

Manual Integrations APPROVED
mohammad
8/31/2019 2:42:48 PM

Quant Time: Aug 30 23:51:37 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 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	36255	20.00	ng		-0.01
21) Naphthalene-d8	10.82	136	137988	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	105968	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	245295	20.00	ng		0.00
76) Chrysene-d12	21.69	240	260996	20.00	ng		0.00
87) Perylene-d12	24.93	264	310119	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	263999	147.48	ng		0.00
7) Phenol-d6	7.17	99	359629	148.73	ng		0.00
23) Nitrobenzene-d5	9.17	82	203290	101.81	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	245508	163.00	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	639872	102.13	ng		0.00
79) Terphenyl-d14	20.02	244	1137970	94.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	23271	31.151	ng		99
3) Pyridine	3.82	79	56044	29.257	ng		97
4) n-Nitrosodimethylamine	3.73	42	31146	45.523	ng		92
6) Aniline	7.32	93	123478	38.286	ng		99
8) 2-Chlorophenol	7.57	128	105036	48.415	ng		98
9) Benzaldehyde	7.12	77	57207	47.256	ng		97
10) Phenol	7.20	94	143701	58.450	ng		92
11) bis(2-Chloroethyl)ether	7.41	93	83048	43.012	ng		99
12) 1,3-Dichlorobenzene	7.89	146	115741	41.937	ng		99
13) 1,4-Dichlorobenzene	8.04	146	119979	42.918	ng		97
14) 1,2-Dichlorobenzene	8.35	146	114192	42.654	ng		99
15) Benzyl Alcohol	8.24	79	83589	48.049	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.52	45	104116	39.784	ng		99
17) 2-Methylphenol	8.45	107	85634	47.290	ng		94
18) Hexachloroethane	9.09	117	39563	41.339	ng		94
19) n-Nitroso-di-n-propylamine	8.81	70	67207	42.902	ng	#	94
20) 3+4-Methylphenols	8.78	107	117463	46.878	ng		98
22) Acetophenone	8.82	105	150078	50.851	ng		98
24) Nitrobenzene	9.21	77	98744	48.833	ng		98
25) Isophorone	9.73	82	189280	48.031	ng		99
26) 2-Nitrophenol	9.93	139	66498	52.478	ng		94
27) 2,4-Dimethylphenol	9.99	122	100939	57.828	ng		98
28) bis(2-Chloroethoxy)methane	10.22	93	116681	46.977	ng		98
29) 2,4-Dichlorophenol	10.47	162	125648	55.018	ng		97
30) 1,2,4-Trichlorobenzene	10.69	180	141286	50.403	ng		97
31) Naphthalene	10.87	128	320405	50.013	ng		100
32) Benzoic acid	10.15	122	47789	39.473	ng		96
33) 4-Chloroaniline	10.98	127	96665	32.686	ng		98
34) Hexachlorobutadiene	11.16	225	95003	50.429	ng		98
35) Caprolactam	11.77	113	37321m	48.976	ng		
36) 4-Chloro-3-methylphenol	12.11	107	114221	52.686	ng		97
37) 2-Methylnaphthalene	12.48	142	266669	51.840	ng		99
38) 1-Methylnaphthalene	12.70	142	250355	51.237	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	183795	54.010	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	169767	94.971	ng		98
43) 2,4,6-Trichlorophenol	13.09	196	119207	51.824	ng		95
44) 2,4,5-Trichlorophenol	13.17	196	127130	53.334	ng		99
46) 1,1'-Biphenyl	13.49	154	354309	51.725	ng		98
47) 2-Chloronaphthalene	13.53	162	291440	49.343	ng		98
48) 2-Nitroaniline	13.73	65	65262	45.821	ng		99
49) Acenaphthylene	14.38	152	457732	51.512	ng		99
50) Dimethylphthalate	14.11	163	432732	56.596	ng		100
51) 2,6-Dinitrotoluene	14.23	165	90670	51.160	ng		97
52) Acenaphthene	14.72	154	266389	49.371	ng		99
53) 3-Nitroaniline	14.56	138	64528	36.406	ng		100
54) 2,4-Dinitrophenol	14.78	184	85393	72.145	ng		94
55) Dibenzofuran	15.06	168	465758	52.148	ng		99
56) 4-Nitrophenol	14.89	139	129598	102.900	ng		94
57) 2,4-Dinitrotoluene	15.03	165	128822	50.760	ng		98
58) Fluorene	15.71	166	380033	52.053	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	127889	54.253	ng	#	92
60) Diethylphthalate	15.47	149	367462	49.163	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	227467	51.684	ng		98
62) 4-Nitroaniline	15.73	138	90348	47.628	ng		94
63) Azobenzene	15.99	77	248126	48.447	ng		97
65) 4,6-Dinitro-2-methylphenol	15.80	198	77136	50.157	ng		98
66) n-Nitrosodiphenylamine	15.91	169	351047	52.039	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	162895	52.354	ng		97
68) Hexachlorobenzene	16.72	284	171079	50.580	ng		97
69) Atrazine	16.87	200	133273	55.867	ng		96
70) Pentachlorophenol	17.07	266	194402	110.619	ng		97
71) Phenanthrene	17.45	178	646998	53.101	ng		100
72) Anthracene	17.55	178	658589	54.145	ng		99
73) Carbazole	17.81	167	574137	52.962	ng		99
74) Di-n-butylphthalate	18.37	149	648808	50.630	ng		100
75) Fluoranthene	19.46	202	827187	55.628	ng		97
77) Benzidine	19.64	184	482887	64.532	ng		99
78) Pyrene	19.83	202	822272	51.387	ng		99
80) Butylbenzylphthalate	20.70	149	299546	47.594	ng		99
81) Benzo(a)anthracene	21.67	228	815945	51.392	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	252839	39.596	ng		99
83) Chrysene	21.74	228	786871	51.390	ng		100
84) Bis(2-ethylhexyl)phthalate	21.57	149	423983	48.519	ng		100
85) Di-n-octyl phthalate	22.78	149	739194	49.183	ng		99
86) Indeno(1,2,3-cd)pyrene	28.64	276	1052870	50.598	ng	#	97
88) Benzo(b)fluoranthene	23.90	252	900255	52.803	ng		99
89) Benzo(k)fluoranthene	23.97	252	875084m	53.398	ng		
90) Benzo(a)pyrene	24.78	252	880275	54.411	ng		98
91) Dibenzo(a,h)anthracene	28.71	278	874706	53.399	ng		97
92) Benzo(g,h,i)perylene	29.80	276	878444	53.619	ng		99

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

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