Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
Data File : BG041016.D
Acq On : 1 Jun 2019 17:27
Operator : HP/JU
Sample : K3110-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-BPM-01-B1-C1-B1A-C1AMSD

Manual Integrations APPROVED
mohammad
6/3/2019 8:50:52 AM

Quant Time: Jun 03 04:07:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	65009	20.00	ng		-0.01
21) Naphthalene-d8	10.94	136	254915	20.00	ng		-0.01
39) Acenaphthene-d10	14.75	164	182129	20.00	ng		0.00
64) Phenanthrene-d10	17.50	188	438904	20.00	ng		0.00
76) Chrysene-d12	21.78	240	434027	20.00	ng		-0.01
87) Perylene-d12	25.11	264	468464	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	529424	146.85	ng		0.00
7) Phenol-d6	7.27	99	773818	138.98	ng		0.00
23) Nitrobenzene-d5	9.30	82	524674	91.37	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	377833	139.74	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	1147857	90.76	ng		-0.01
79) Terphenyl-d14	20.09	244	1790477	87.55	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	54775	33.482	ng		91
3) Pyridine	3.93	79	135316	27.953	ng		98
4) n-Nitrosodimethylamine	3.85	42	98535	43.859	ng		88
6) Aniline	7.44	93	128710	17.319	ng		96
8) 2-Chlorophenol	7.68	128	189838	44.168	ng		95
9) Benzaldehyde	7.26	77	91743	27.622	ng		91
10) Phenol	7.30	94	270865	45.372	ng		96
11) bis(2-Chloroethyl)ether	7.54	93	179726	41.499	ng		97
12) 1,3-Dichlorobenzene	8.01	146	200522	39.062	ng		97
13) 1,4-Dichlorobenzene	8.16	146	208053	40.040	ng		95
14) 1,2-Dichlorobenzene	8.47	146	199470	39.536	ng		98
15) Benzyl Alcohol	8.36	79	224660	43.619	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.64	45	290726	41.082	ng		99
17) 2-Methylphenol	8.56	107	185411	42.895	ng		98
18) Hexachloroethane	9.21	117	78784	39.339	ng		98
19) n-Nitroso-di-n-propylamine	8.93	70	174472	40.719	ng		98
20) 3+4-Methylphenols	8.88	107	253074	42.268	ng		98
22) Acetophenone	8.95	105	322294	45.071	ng	#	97
24) Nitrobenzene	9.34	77	266266	45.502	ng		98
25) Isophorone	9.86	82	498242	45.594	ng		100
26) 2-Nitrophenol	10.05	139	116495	48.290	ng		90
27) 2,4-Dimethylphenol	10.09	122	205525	51.585	ng		94
28) bis(2-Chloroethoxy)methane	10.34	93	263869	44.739	ng		97
29) 2,4-Dichlorophenol	10.58	162	228886	45.239	ng		97
30) 1,2,4-Trichlorobenzene	10.80	180	250350	43.497	ng		97
31) Naphthalene	10.99	128	610347	44.594	ng		99
32) Benzoic acid	10.22	122	86319	31.274	ng		93
33) 4-Chloroaniline	11.11	127	60359	9.505	ng		97
34) Hexachlorobutadiene	11.26	225	185084	42.027	ng		99
35) Caprolactam	11.89	113	68880m	41.227	ng		
36) 4-Chloro-3-methylphenol	12.21	107	258230	44.690	ng		95
37) 2-Methylnaphthalene	12.59	142	457878	43.437	ng		99
38) 1-Methylnaphthalene	12.81	142	438538m	44.148	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	335908	45.759	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	376525	93.832	ng		98
43) 2,4,6-Trichlorophenol	13.19	196	215192	45.315	ng		95
44) 2,4,5-Trichlorophenol	13.26	196	230693	46.062	ng		97
46) 1,1'-Biphenyl	13.58	154	619547	45.955	ng		99
47) 2-Chloronaphthalene	13.64	162	509816	44.050	ng		98
48) 2-Nitroaniline	13.84	65	186590	44.939	ng		100
49) Acenaphthylene	14.48	152	781933	44.889	ng		99
50) Dimethylphthalate	14.20	163	829492	53.803	ng		99
51) 2,6-Dinitrotoluene	14.33	165	147482	44.367	ng		97
52) Acenaphthene	14.82	154	453237	42.951	ng		93
53) 3-Nitroaniline	14.66	138	65105	19.586	ng		94
54) 2,4-Dinitrophenol	14.87	184	157448	87.383	ng		92
55) Dibenzofuran	15.15	168	782520	44.071	ng		100
56) 4-Nitrophenol	14.96	139	221590	97.191	ng		95
57) 2,4-Dinitrotoluene	15.11	165	205353	43.733	ng	#	94
58) Fluorene	15.79	166	611092	43.215	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	231940	47.124	ng		98
60) Diethylphthalate	15.55	149	660983	42.010	ng		100
61) 4-Chlorophenyl-phenylether	15.78	204	394642	42.937	ng		97
62) 4-Nitroaniline	15.83	138	141019	40.073	ng		92
63) Azobenzene	16.08	77	618812	43.273	ng		97
65) 4,6-Dinitro-2-methylphenol	15.87	198	114074	48.413	ng		94
66) n-Nitrosodiphenylamine	16.00	169	561325	45.495	ng		99
67) 4-Bromophenyl-phenylether	16.68	248	253864	42.859	ng		98
68) Hexachlorobenzene	16.79	284	259438	41.133	ng		97
69) Atrazine	16.94	200	236567	49.691	ng		96
70) Pentachlorophenol	17.13	266	320701	94.122	ng		96
71) Phenanthrene	17.54	178	1003136	43.878	ng		98
72) Anthracene	17.63	178	1028867	45.630	ng		99
73) Carbazole	17.90	167	897371	46.383	ng		99
74) Di-n-butylphthalate	18.43	149	1034230	43.010	ng		99
75) Fluoranthene	19.54	202	1283677	45.459	ng		98
77) Benzidine	19.72	184	271562	26.228	ng		98
78) Pyrene	19.91	202	1276529	45.243	ng		99
80) Butylbenzylphthalate	20.77	149	493236	44.922	ng		98
81) Benzo(a)anthracene	21.76	228	1254130	43.408	ng		99
82) 3,3'-Dichlorobenzidine	21.67	252	200960	19.776	ng		97
83) Chrysene	21.83	228	1224213	44.278	ng		98
84) Bis(2-ethylhexyl)phthalate	21.62	149	676913	43.794	ng		100
85) Di-n-octyl phthalate	22.87	149	1133908	44.049	ng		99
86) Indeno(1,2,3-cd)pyrene	28.95	276	1512159	44.648	ng	#	96
88) Benzo(b)fluoranthene	24.05	252	1306001	45.963	ng		98
89) Benzo(k)fluoranthene	24.12	252	1238330	44.041	ng		98
90) Benzo(a)pyrene	24.96	252	1260655	46.503	ng		98
91) Dibenzo(a,h)anthracene	29.03	278	1232756	45.510	ng		99
92) Benzo(g,h,i)perylene	30.17	276	1263803	48.024	ng		98

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

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