Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082219\
Data File : BG042414.D
Acq On : 22 Aug 2019 23:28
Operator : HP/JU
Sample : K4452-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-CORNER-3MS

Quant Time: Aug 23 02:38:08 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	8.00	152	83108	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	354273	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	223722	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	477565	20.00	ng	0.00
76) Chrysene-d12	21.70	240	465053	20.00	ng	0.00
87) Perylene-d12	24.94	264	573582	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	657076	160.13	ng	0.00
7) Phenol-d6	7.17	99	882012	159.12	ng	0.00
23) Nitrobenzene-d5	9.17	82	520177	101.46	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	407756	128.23	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1192907	90.18	ng	0.00
79) Terphenyl-d14	20.03	244	1845537	85.79	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	69336	40.489	ng	98
3) Pyridine	3.82	79	177963	40.527	ng	95
4) n-Nitrosodimethylamine	3.73	42	70363	44.864	ng	82
6) Aniline	7.32	93	255122	34.508	ng	98
8) 2-Chlorophenol	7.57	128	248287	49.926	ng	97
9) Benzaldehyde	7.13	77	83139	29.960	ng	97
10) Phenol	7.20	94	282399	50.109	ng	96
11) bis(2-Chloroethyl)ether	7.42	93	193962	43.823	ng	98
12) 1,3-Dichlorobenzene	7.89	146	258139	40.803	ng	98
13) 1,4-Dichlorobenzene	8.04	146	278763	43.501	ng	96
14) 1,2-Dichlorobenzene	8.36	146	251860	41.040	ng	99
15) Benzyl Alcohol	8.25	79	183710	46.068	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	267687	44.622	ng	98
17) 2-Methylphenol	8.45	107	195228	47.031	ng	95
18) Hexachloroethane	9.09	117	93512	42.625	ng	95
19) n-Nitroso-di-n-propylamine	8.82	70	167139	46.544	ng	99
20) 3+4-Methylphenols	8.79	107	288628	50.249	ng	99
22) Acetophenone	8.83	105	342920	45.256	ng	99
24) Nitrobenzene	9.22	77	237004	45.653	ng	99
25) Isophorone	9.74	82	430121	42.512	ng	98
26) 2-Nitrophenol	9.93	139	134619	41.379	ng	99
27) 2,4-Dimethylphenol	10.00	122	207710	46.349	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	276769	43.402	ng	99
29) 2,4-Dichlorophenol	10.48	162	246537	42.047	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	269836	37.494	ng	99
31) Naphthalene	10.88	128	728957	44.319	ng	99
32) Benzoic acid	10.14	122	85054	29.870	ng	97
33) 4-Chloroaniline	10.98	127	161876	21.319	ng	98
34) Hexachlorobutadiene	11.17	225	173458	35.862	ng	97
35) Caprolactam	11.76	113	80912	41.356	ng	96
36) 4-Chloro-3-methylphenol	12.12	107	235495	42.309	ng	98
37) 2-Methylnaphthalene	12.49	142	542895	41.107	ng	97
38) 1-Methylnaphthalene	12.71	142	532187	42.423	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	315928	43.973	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	289464	76.701 ng		99
43) 2,4,6-Trichlorophenol	13.10	196	209569	43.154 ng		96
44) 2,4,5-Trichlorophenol	13.18	196	230340	45.771 ng		96
46) 1,1'-Biphenyl	13.49	154	695327	48.081 ng		99
47) 2-Chloronaphthalene	13.54	162	549659	44.080 ng		97
48) 2-Nitroaniline	13.74	65	148029	49.229 ng		98
49) Acenaphthylene	14.39	152	848090	45.207 ng		97
50) Dimethylphthalate	14.12	163	936412	58.010 ng		100
51) 2,6-Dinitrotoluene	14.23	165	176292	47.116 ng		95
52) Acenaphthene	14.73	154	510519	44.816 ng		99
53) 3-Nitroaniline	14.57	138	134923	36.056 ng		95
54) 2,4-Dinitrophenol	14.78	184	93359	40.379 ng		95
55) Dibenzofuran	15.06	168	898689	47.660 ng		98
56) 4-Nitrophenol	14.89	139	300875	113.154 ng		93
57) 2,4-Dinitrotoluene	15.03	165	248026	46.291 ng		96
58) Fluorene	15.71	166	731523	47.459 ng		97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	227918	45.797 ng	#	88
60) Diethylphthalate	15.48	149	659260	41.778 ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	413869	44.542 ng		99
62) 4-Nitroaniline	15.73	138	188539	47.077 ng		97
63) Azobenzene	16.00	77	555455	51.370 ng		97
65) 4,6-Dinitro-2-methylphenol	15.80	198	82608	27.590 ng		97
66) n-Nitrosodiphenylamine	15.92	169	628602	47.863 ng		97
67) 4-Bromophenyl-phenylether	16.60	248	274039	45.239 ng		97
68) Hexachlorobenzene	16.72	284	275665	41.862 ng	#	93
69) Atrazine	16.87	200	234074	50.400 ng		99
70) Pentachlorophenol	17.07	266	280379	81.946 ng		98
71) Phenanthrene	17.46	178	1131997	47.720 ng		97
72) Anthracene	17.55	178	1142657	48.252 ng		98
73) Carbazole	17.82	167	1013580	48.024 ng		98
74) Di-n-butylphthalate	18.38	149	1247781	50.014 ng		98
75) Fluoranthene	19.47	202	1336918	46.180 ng		97
77) Benzidine	19.64	184	561956	42.147 ng		99
78) Pyrene	19.83	202	1366245	47.918 ng		97
80) Butylbenzylphthalate	20.71	149	606470	54.079 ng		97
81) Benzo(a)anthracene	21.67	228	1347703	47.639 ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	349481	30.716 ng	#	99
83) Chrysene	21.74	228	1285571	47.119 ng		97
84) Bis(2-ethylhexyl)phthalate	21.58	149	787225	50.558 ng		99
85) Di-n-octyl phthalate	22.79	149	1408285	52.587 ng		99
86) Indeno(1,2,3-cd)pyrene	28.65	276	1821664	49.132 ng	#	97
88) Benzo(b)fluoranthene	23.91	252	1498627	47.525 ng	#	97
89) Benzo(k)fluoranthene	23.98	252	1458106	48.106 ng	#	97
90) Benzo(a)pyrene	24.79	252	1452905	48.556 ng	#	97
91) Dibenzo(a,h)anthracene	28.71	278	1492940	49.277 ng	#	96
92) Benzo(g,h,i)perylene	29.80	276	1510351	49.844 ng	#	96

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

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