Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
Data File : BG042439.D
Acq On : 23 Aug 2019 18:47
Operator : HP/JU
Sample : K4086-04MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NB-08-082019MSD

Quant Time: Aug 24 02:09:55 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	99470	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	363927	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	230772	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	467633	20.00	ng		0.00
76) Chrysene-d12	21.70	240	441216	20.00	ng		0.00
87) Perylene-d12	24.94	264	664772	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	497090	101.21	ng		0.00
7) Phenol-d6	7.17	99	632181	95.29	ng		0.00
23) Nitrobenzene-d5	9.17	82	330360	62.73	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	249248	75.99	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	864916	63.39	ng		0.00
79) Terphenyl-d14	20.03	244	1271709	62.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	51759	25.253	ng	#	62
3) Pyridine	3.84	79	88266	16.794	ng		97
4) n-Nitrosodimethylamine	3.74	42	53075	28.274	ng	#	74
6) Aniline	7.32	93	167471	18.926	ng		99
8) 2-Chlorophenol	7.57	128	202148	33.962	ng		99
9) Benzaldehyde	7.13	77	79088	23.812	ng		94
10) Phenol	7.20	94	210185	31.160	ng		96
11) bis(2-Chloroethyl)ether	7.42	93	189624	35.795	ng		99
12) 1,3-Dichlorobenzene	7.90	146	206215	27.234	ng		97
13) 1,4-Dichlorobenzene	8.04	146	183544	23.930	ng		96
14) 1,2-Dichlorobenzene	8.36	146	167524	22.808	ng		100
15) Benzyl Alcohol	8.24	79	119377	25.011	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	185554	25.843	ng		99
17) 2-Methylphenol	8.46	107	129911	26.148	ng		93
18) Hexachloroethane	9.09	117	64755	24.662	ng		91
19) n-Nitroso-di-n-propylamine	8.81	70	114096	26.546	ng		99
20) 3+4-Methylphenols	8.79	107	182340	26.523	ng		97
22) Acetophenone	8.83	105	245497	31.540	ng	#	97
24) Nitrobenzene	9.22	77	161448	30.274	ng		98
25) Isophorone	9.74	82	319655	30.756	ng		97
26) 2-Nitrophenol	9.93	139	93765	28.057	ng		96
27) 2,4-Dimethylphenol	9.99	122	157273	34.163	ng		97
28) bis(2-Chloroethoxy)methane	10.22	93	236406	36.089	ng		99
29) 2,4-Dichlorophenol	10.48	162	177908	29.538	ng		94
30) 1,2,4-Trichlorobenzene	10.69	180	192553	26.045	ng		98
31) Naphthalene	10.87	128	474848	28.104	ng		99
32) Benzoic acid	10.13	122	56495	22.201	ng		99
33) 4-Chloroaniline	10.99	127	73872	9.471	ng		98
34) Hexachlorobutadiene	11.17	225	113624	22.869	ng		100
35) Caprolactam	11.75	113	43115	21.453	ng		98
36) 4-Chloro-3-methylphenol	12.12	107	160251	28.027	ng		98
37) 2-Methylnaphthalene	12.49	142	501890	36.994	ng		98
38) 1-Methylnaphthalene	12.71	142	451675	35.050	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	221922	29.945	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	59693	15.334 ng		97
43) 2,4,6-Trichlorophenol	13.10	196	145318	29.010 ng		95
44) 2,4,5-Trichlorophenol	13.18	196	154090	29.684 ng		95
46) 1,1'-Biphenyl	13.50	154	461892	30.964 ng		98
47) 2-Chloronaphthalene	13.54	162	378198	29.403 ng		98
48) 2-Nitroaniline	13.74	65	93478	30.137 ng		94
49) Acenaphthylene	14.39	152	593196	30.654 ng		100
50) Dimethylphthalate	14.11	163	509765	30.615 ng		99
51) 2,6-Dinitrotoluene	14.24	165	109010	28.244 ng		95
52) Acenaphthene	14.73	154	344892	29.351 ng		99
53) 3-Nitroaniline	14.56	138	84100	21.788 ng		99
54) 2,4-Dinitrophenol	14.79	184	13414	11.014 ng		96
55) Dibenzofuran	15.06	168	755016	38.817 ng		99
56) 4-Nitrophenol	14.89	139	228598	83.345 ng		88
57) 2,4-Dinitrotoluene	15.03	165	190791	34.521 ng		98
58) Fluorene	15.72	166	461610	29.033 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	172588	33.620 ng	#	85
60) Diethylphthalate	15.48	149	485015	29.797 ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	258637	26.985 ng		99
62) 4-Nitroaniline	15.73	138	103709	25.104 ng		93
63) Azobenzene	16.00	77	331595	29.730 ng		96
65) 4,6-Dinitro-2-methylphenol	15.80	198	13076	4.460 ng		97
66) n-Nitrosodiphenylamine	15.92	169	416704	32.402 ng		99
67) 4-Bromophenyl-phenylether	16.60	248	171444	28.903 ng		96
68) Hexachlorobenzene	16.73	284	176881	27.431 ng		96
69) Atrazine	16.87	200	151473	33.307 ng		98
70) Pentachlorophenol	17.07	266	206774	61.717 ng		98
71) Phenanthrene	17.46	178	714851	30.775 ng		99
72) Anthracene	17.55	178	798347	34.428 ng		99
73) Carbazole	17.82	167	659592	31.916 ng		100
74) Di-n-butylphthalate	18.37	149	980790	40.147 ng		98
75) Fluoranthene	19.47	202	822330	29.008 ng		98
77) Benzidine	19.65	184	341843	27.023 ng		99
78) Pyrene	19.83	202	818667	30.264 ng		99
80) Butylbenzylphthalate	20.72	149	335299	31.514 ng		98
81) Benzo(a)anthracene	21.67	228	820881	30.584 ng		100
82) 3,3'-Dichlorobenzidine	21.59	252	321850	29.816 ng		99
83) Chrysene	21.74	228	797063	30.793 ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	478760	32.409 ng		98
85) Di-n-octyl phthalate	22.80	149	865458	34.063 ng		99
86) Indeno(1,2,3-cd)pyrene	28.65	276	1251092	35.566 ng		99
88) Benzo(b)fluoranthene	23.91	252	1136536	31.098 ng	#	96
89) Benzo(k)fluoranthene	23.98	252	1095926	31.197 ng	#	97
90) Benzo(a)pyrene	24.79	252	1115419	32.163 ng	#	97
91) Dibenzo(a,h)anthracene	28.71	278	1053902	30.014 ng	#	95
92) Benzo(g,h,i)perylene	29.82	276	952378	27.119 ng	#	93

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

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