Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043568.D
Acq On : 8 Nov 2019 14:11
Operator : JU
Sample : PB124640BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB124640BS

Quant Time: Nov 11 00:31:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	28012	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	110157	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	83730	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	200921	20.00	ng		0.00
76) Chrysene-d12	21.65	240	220540	20.00	ng		0.00
87) Perylene-d12	24.84	264	178073	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	189123	123.72	ng		0.01
7) Phenol-d6	7.21	99	250901	114.08	ng		0.01
23) Nitrobenzene-d5	9.17	82	130423	61.04	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	159320	99.99	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	349014	57.60	ng		0.00
79) Terphenyl-d14	19.99	244	725653	61.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	22545	37.846	ng		96
3) Pyridine	3.86	79	52978	35.255	ng		93
4) n-Nitrosodimethylamine	3.78	42	33705	44.450	ng		89
6) Aniline	7.34	93	63249	24.964	ng		96
8) 2-Chlorophenol	7.58	128	75451	44.713	ng		95
9) Benzaldehyde	7.14	77	21070	19.493	ng		98
10) Phenol	7.24	94	87492	43.533	ng		95
11) bis(2-Chloroethyl)ether	7.42	93	57827	37.215	ng		93
12) 1,3-Dichlorobenzene	7.89	146	82419	38.982	ng		97
13) 1,4-Dichlorobenzene	8.04	146	83168	38.880	ng		98
14) 1,2-Dichlorobenzene	8.36	146	81025	38.794	ng		94
15) Benzyl Alcohol	8.25	79	62417	40.409	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	84187	37.260	ng		96
17) 2-Methylphenol	8.48	107	61573	42.025	ng		98
18) Hexachloroethane	9.09	117	29242	37.890	ng		94
19) n-Nitroso-di-n-propylamine	8.81	70	52692	37.076	ng		93
20) 3+4-Methylphenols	8.81	107	82021	40.825	ng		92
22) Acetophenone	8.83	105	106181	37.639	ng	#	94
24) Nitrobenzene	9.21	77	82375	40.470	ng	#	95
25) Isophorone	9.73	82	151313	38.734	ng		100
26) 2-Nitrophenol	9.92	139	42392	43.139	ng		97
27) 2,4-Dimethylphenol	10.00	122	69503	49.347	ng		95
28) bis(2-Chloroethoxy)methane	10.22	93	84169	39.038	ng		97
29) 2,4-Dichlorophenol	10.48	162	76569	42.430	ng		92
30) 1,2,4-Trichlorobenzene	10.67	180	89065	39.159	ng		98
31) Naphthalene	10.86	128	226423	40.494	ng		99
32) Benzoic acid	10.17	122	33556	34.369	ng		95
33) 4-Chloroaniline	10.99	127	61296	26.743	ng		97
34) Hexachlorobutadiene	11.14	225	61529	36.595	ng		92
35) Caprolactam	11.74	113	23894	38.445	ng		90
36) 4-Chloro-3-methylphenol	12.13	107	84588	42.972	ng		94
37) 2-Methylnaphthalene	12.47	142	173604	40.465	ng		97
38) 1-Methylnaphthalene	12.68	142	165569	40.560	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	111301	35.918	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	61726	37.920	ng		99
43) 2,4,6-Trichlorophenol	13.08	196	71142	38.985	ng		96
44) 2,4,5-Trichlorophenol	13.17	196	77120	41.802	ng		97
46) 1,1'-Biphenyl	13.47	154	230811	36.236	ng		97
47) 2-Chloronaphthalene	13.51	162	180793	37.304	ng		100
48) 2-Nitroaniline	13.72	65	56043	38.690	ng		94
49) Acenaphthylene	14.36	152	291363	38.627	ng		99
50) Dimethylphthalate	14.09	163	232213	35.805	ng		99
51) 2,6-Dinitrotoluene	14.21	165	52938	37.573	ng		96
52) Acenaphthene	14.70	154	171656	37.317	ng		96
53) 3-Nitroaniline	14.55	138	41858	30.771	ng		97
54) 2,4-Dinitrophenol	14.76	184	53821	62.886	ng		97
55) Dibenzofuran	15.03	168	285033	38.211	ng		99
56) 4-Nitrophenol	14.90	139	80457	88.260	ng		95
57) 2,4-Dinitrotoluene	15.00	165	77570	38.524	ng		97
58) Fluorene	15.69	166	238161	38.066	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	75516	38.526	ng	#	98
60) Diethylphthalate	15.45	149	236952	36.362	ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	134098	36.741	ng		97
62) 4-Nitroaniline	15.72	138	52189	37.149	ng		99
63) Azobenzene	15.97	77	201018	38.115	ng		97
65) 4,6-Dinitro-2-methylphenol	15.77	198	45687	38.638	ng		93
66) n-Nitrosodiphenylamine	15.89	169	215435	37.979	ng		98
67) 4-Bromophenyl-phenylether	16.57	248	97128	35.921	ng		97
68) Hexachlorobenzene	16.69	284	109432	35.258	ng		96
69) Atrazine	16.84	200	88533	44.916	ng		99
70) Pentachlorophenol	17.04	266	107640	76.109	ng		98
71) Phenanthrene	17.42	178	393157	38.213	ng		100
72) Anthracene	17.52	178	399262	38.786	ng		99
73) Carbazole	17.80	167	367223	39.393	ng		99
74) Di-n-butylphthalate	18.34	149	439281	38.837	ng		99
75) Fluoranthene	19.43	202	532261	39.682	ng		99
77) Benzidine	19.62	184	76366	17.206	ng		99
78) Pyrene	19.80	202	546578	40.039	ng		100
80) Butylbenzylphthalate	20.68	149	201268	38.916	ng		95
81) Benzo(a)anthracene	21.63	228	540748	39.144	ng		98
82) 3,3'-Dichlorobenzidine	21.55	252	173174	32.410	ng		96
83) Chrysene	21.70	228	524162	38.188	ng		96
84) Bis(2-ethylhexyl)phthalate	21.53	149	291519	39.680	ng		98
85) Di-n-octyl phthalate	22.73	149	489466	39.270	ng		99
86) Indeno(1,2,3-cd)pyrene	28.49	276	655157	38.026	ng	#	94
88) Benzo(b)fluoranthene	23.84	252	552942	54.826	ng		100
89) Benzo(k)fluoranthene	23.90	252	563518	55.502	ng		100
90) Benzo(a)pyrene	24.69	252	503522	52.282	ng		98
91) Dibenzo(a,h)anthracene	28.54	278	564991	57.354	ng		98
92) Benzo(g,h,i)perylene	29.62	276	558874	57.515	ng		99

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

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