Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041519\
Data File : BG040478.D
Acq On : 15 Apr 2019 13:38
Operator : JU/SJ
Sample : PB118717BSD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118717BSD

Quant Time: Apr 15 14:21:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 13 00:33:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	53478	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	222389	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	144208	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	390786	20.00	ng		0.00
76) Chrysene-d12	21.70	240	434244	20.00	ng		0.00
87) Perylene-d12	24.99	264	444128	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	281773	87.59	ng		0.00
7) Phenol-d6	7.21	99	389659	87.65	ng		0.00
23) Nitrobenzene-d5	9.22	82	346279	82.76	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	155889	100.02	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	799203	82.12	ng		0.00
79) Terphenyl-d14	20.03	244	1377780	71.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	50087	33.112	ng	#	96
3) Pyridine	3.89	79	129169	31.716	ng		97
4) n-Nitrosodimethylamine	3.82	42	67854	36.018	ng	#	92
6) Aniline	7.38	93	84110	14.562	ng		92
8) 2-Chlorophenol	7.61	128	146306	38.852	ng		95
9) Benzaldehyde	7.19	77	69866	22.910	ng		98
10) Phenol	7.23	94	193012	39.998	ng		98
11) bis(2-Chloroethyl)ether	7.46	93	137849	35.666	ng		98
12) 1,3-Dichlorobenzene	7.93	146	148574	36.295	ng		97
13) 1,4-Dichlorobenzene	8.08	146	153478	37.644	ng		97
14) 1,2-Dichlorobenzene	8.40	146	145667	37.361	ng		98
15) Benzyl Alcohol	8.29	79	128699	35.945	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.56	45	266569	35.937	ng		99
17) 2-Methylphenol	8.49	107	133999	40.130	ng		99
18) Hexachloroethane	9.13	117	53780	34.678	ng		94
19) n-Nitroso-di-n-propylamine	8.85	70	112574	35.317	ng		98
20) 3+4-Methylphenols	8.82	107	182194	40.277	ng		97
22) Acetophenone	8.87	105	220486	39.745	ng	#	96
24) Nitrobenzene	9.26	77	169897	39.214	ng		97
25) Isophorone	9.77	82	328901	38.206	ng		99
26) 2-Nitrophenol	9.97	139	80720	39.319	ng		98
27) 2,4-Dimethylphenol	10.02	122	155044	47.546	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	196212	38.525	ng		99
29) 2,4-Dichlorophenol	10.51	162	151386	42.770	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	152838	39.325	ng		98
31) Naphthalene	10.91	128	457237	40.112	ng		98
32) Benzoic acid	10.17	122	45910	23.302	ng		94
33) 4-Chloroaniline	11.04	127	69409	14.275	ng		95
34) Hexachlorobutadiene	11.17	225	90640	36.466	ng		98
35) Caprolactam	11.81	113	56511	40.232	ng		94
36) 4-Chloro-3-methylphenol	12.14	107	178944	43.976	ng		99
37) 2-Methylnaphthalene	12.51	142	346654	41.119	ng		98
38) 1-Methylnaphthalene	12.73	142	328992	40.243	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	177368	38.698	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	194622	77.334	ng		96
43) 2,4,6-Trichlorophenol	13.12	196	124546	42.146	ng		95
44) 2,4,5-Trichlorophenol	13.19	196	141174	43.830	ng		96
46) 1,1'-Biphenyl	13.51	154	448927	39.399	ng		98
47) 2-Chloronaphthalene	13.56	162	346763	39.675	ng		97
48) 2-Nitroaniline	13.77	65	126891	43.041	ng		98
49) Acenaphthylene	14.40	152	595122	40.160	ng		98
50) Dimethylphthalate	14.13	163	467241	41.399	ng		99
51) 2,6-Dinitrotoluene	14.26	165	109478	43.201	ng		97
52) Acenaphthene	14.74	154	344387	40.557	ng		98
53) 3-Nitroaniline	14.60	138	49872	18.592	ng		89
54) 2,4-Dinitrophenol	14.80	184	94362	70.015	ng		94
55) Dibenzofuran	15.08	168	574021	42.070	ng		99
56) 4-Nitrophenol	14.90	139	182589	84.336	ng		98
57) 2,4-Dinitrotoluene	15.05	165	162716	46.210	ng	#	98
58) Fluorene	15.73	166	457790	42.675	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.30	232	136809	46.806	ng		98
60) Diethylphthalate	15.48	149	504008	43.640	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	244074	42.565	ng		95
62) 4-Nitroaniline	15.76	138	128717	44.712	ng		98
63) Azobenzene	16.00	77	467768	42.939	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	84469	38.474	ng		98
66) n-Nitrosodiphenylamine	15.93	169	445568	38.964	ng		97
67) 4-Bromophenyl-phenylether	16.61	248	163936	37.278	ng		98
68) Hexachlorobenzene	16.72	284	167823	37.955	ng		96
69) Atrazine	16.87	200	176706	41.540	ng		97
70) Pentachlorophenol	17.07	266	177645	69.491	ng		95
71) Phenanthrene	17.47	178	838041	40.800	ng		98
72) Anthracene	17.56	178	849637	41.326	ng		99
73) Carbazole	17.83	167	841594	43.254	ng		100
74) Di-n-butylphthalate	18.36	149	1006768	43.652	ng		99
75) Fluoranthene	19.47	202	1085636	44.635	ng		99
77) Benzidine	19.66	184	189954	12.114	ng		96
78) Pyrene	19.84	202	1098219	38.458	ng		98
80) Butylbenzylphthalate	20.71	149	490491	40.140	ng		96
81) Benzo(a)anthracene	21.68	228	1014875	37.943	ng		99
82) 3,3'-Dichlorobenzidine	21.60	252	177793	17.474	ng		100
83) Chrysene	21.75	228	1001405	38.957	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	705023	40.362	ng		100
85) Di-n-octyl phthalate	22.77	149	1200498	40.338	ng		100
86) Indeno(1,2,3-cd)pyrene	28.75	276	1211755	38.542	ng	#	86
88) Benzo(b)fluoranthene	23.93	252	1103480	40.582	ng		98
89) Benzo(k)fluoranthene	24.00	252	1048417	41.928	ng		98
90) Benzo(a)pyrene	24.83	252	1075090	42.140	ng		99
91) Dibenzo(a,h)anthracene	28.82	278	1000795	42.237	ng		99
92) Benzo(g,h,i)perylene	29.94	276	1003923	41.227	ng		99

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

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