Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
Data File : BG042598.D
Acq On : 30 Aug 2019 13:30
Operator : HP/JU
Sample : PB122665BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB122665BSD

Quant Time: Aug 30 14:23:07 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	7.99	152	32718	20.00	ng		-0.01
21) Naphthalene-d8	10.82	136	129215	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	92913	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	216951	20.00	ng		-0.01
76) Chrysene-d12	21.69	240	247140	20.00	ng		0.00
87) Perylene-d12	24.93	264	266228	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	183243	113.43	ng		0.00
7) Phenol-d6	7.17	99	225437	103.31	ng		0.00
23) Nitrobenzene-d5	9.16	82	119147	63.72	ng		-0.01
42) 2,4,6-Tribromophenol	16.15	330	144671	109.55	ng		-0.01
45) 2-Fluorobiphenyl	13.28	172	383856	69.87	ng		0.00
79) Terphenyl-d14	20.02	244	773447	67.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	23589	34.990	ng		98
3) Pyridine	3.82	79	52335	30.274	ng		99
4) n-Nitrosodimethylamine	3.73	42	24959	40.423	ng	#	96
6) Aniline	7.31	93	79149	27.194	ng		99
8) 2-Chlorophenol	7.57	128	81590	41.674	ng		97
9) Benzaldehyde	7.12	77	47370	43.360	ng		96
10) Phenol	7.19	94	89019	40.123	ng		93
11) bis(2-Chloroethyl)ether	7.41	93	63620	36.512	ng		96
12) 1,3-Dichlorobenzene	7.89	146	95868	38.492	ng		97
13) 1,4-Dichlorobenzene	8.03	146	97366	38.594	ng		96
14) 1,2-Dichlorobenzene	8.35	146	93549	38.721	ng		98
15) Benzyl Alcohol	8.24	79	59742	38.054	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	80003	33.875	ng		97
17) 2-Methylphenol	8.45	107	63116	38.623	ng		96
18) Hexachloroethane	9.09	117	32307	37.407	ng		94
19) n-Nitroso-di-n-propylamine	8.80	70	48206	34.099	ng		91
20) 3+4-Methylphenols	8.78	107	84562	37.396	ng		96
22) Acetophenone	8.82	105	110460	39.968	ng	#	99
24) Nitrobenzene	9.20	77	73963	39.062	ng		99
25) Isophorone	9.73	82	133108	36.070	ng		98
26) 2-Nitrophenol	9.93	139	49020	41.312	ng		96
27) 2,4-Dimethylphenol	9.99	122	72884	44.590	ng		98
28) bis(2-Chloroethoxy)methane	10.22	93	84999	36.545	ng		99
29) 2,4-Dichlorophenol	10.47	162	91069	42.585	ng		97
30) 1,2,4-Trichlorobenzene	10.68	180	104237	39.710	ng		98
31) Naphthalene	10.87	128	241559	40.266	ng		99
32) Benzoic acid	10.13	122	30353	29.402	ng		92
33) 4-Chloroaniline	10.98	127	64960	23.457	ng		99
34) Hexachlorobutadiene	11.16	225	70985	40.238	ng		98
35) Caprolactam	11.75	113	24530	34.376	ng		91
36) 4-Chloro-3-methylphenol	12.11	107	80955	39.877	ng		95
37) 2-Methylnaphthalene	12.48	142	193483	40.166	ng		99
38) 1-Methylnaphthalene	12.70	142	181104	39.581	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	131861	44.193	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	112221	71.600	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	82722	41.016	ng		97
44) 2,4,5-Trichlorophenol	13.17	196	87055	41.653	ng		99
46) 1,1'-Biphenyl	13.49	154	249898	41.608	ng		99
47) 2-Chloronaphthalene	13.53	162	209803	40.512	ng		99
48) 2-Nitroaniline	13.73	65	45497	36.432	ng		97
49) Acenaphthylene	14.38	152	322238	41.359	ng		100
50) Dimethylphthalate	14.11	163	258181	38.511	ng		98
51) 2,6-Dinitrotoluene	14.23	165	62408	40.161	ng		97
52) Acenaphthene	14.72	154	185788	39.271	ng		99
53) 3-Nitroaniline	14.56	138	43092	27.728	ng		91
54) 2,4-Dinitrophenol	14.77	184	64454	62.977	ng		100
55) Dibenzofuran	15.06	168	325697	41.590	ng		99
56) 4-Nitrophenol	14.88	139	86658	78.474	ng		95
57) 2,4-Dinitrotoluene	15.02	165	87729	39.425	ng		97
58) Fluorene	15.71	166	260269	40.658	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	87588	42.377	ng	#	93
60) Diethylphthalate	15.47	149	247887	37.825	ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	154952	40.154	ng		98
62) 4-Nitroaniline	15.73	138	61798	37.155	ng		94
63) Azobenzene	15.99	77	168833	37.597	ng		96
65) 4,6-Dinitro-2-methylphenol	15.79	198	54610	40.149	ng		98
66) n-Nitrosodiphenylamine	15.91	169	239420	40.129	ng		100
67) 4-Bromophenyl-phenylether	16.59	248	108040	39.260	ng		96
68) Hexachlorobenzene	16.72	284	116034	38.788	ng		97
69) Atrazine	16.86	200	90622	42.951	ng		96
70) Pentachlorophenol	17.07	266	132975	85.551	ng		97
71) Phenanthrene	17.45	178	447901	41.563	ng		99
72) Anthracene	17.54	178	455442	42.335	ng		98
73) Carbazole	17.81	167	404617	42.200	ng		99
74) Di-n-butylphthalate	18.37	149	453886	40.047	ng		100
75) Fluoranthene	19.46	202	607253	46.173	ng		98
77) Benzidine	19.64	184	240552	33.949	ng		100
78) Pyrene	19.83	202	615017	40.590	ng		98
80) Butylbenzylphthalate	20.71	149	221796	37.216	ng		96
81) Benzo(a)anthracene	21.67	228	614745	40.890	ng		97
82) 3,3'-Dichlorobenzidine	21.58	252	216088	35.738	ng		98
83) Chrysene	21.74	228	589926	40.687	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	319933	38.665	ng		97
85) Di-n-octyl phthalate	22.78	149	557295	39.159	ng		99
86) Indeno(1,2,3-cd)pyrene	28.63	276	778831	39.527	ng	#	97
88) Benzo(b)fluoranthene	23.90	252	684560	46.772	ng		96
89) Benzo(k)fluoranthene	23.96	252	647378	46.016	ng	#	98
90) Benzo(a)pyrene	24.77	252	659597	47.492	ng		98
91) Dibenzo(a,h)anthracene	28.69	278	643840	45.785	ng		98
92) Benzo(g,h,i)perylene	29.79	276	656170	46.655	ng		97

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

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