Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040921\
Data File : BG048646.D
Acq On : 9 Apr 2021 15:39
Operator : CG/JU
Sample : PB135644BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB135644BS

Quant Time: Apr 09 16:24:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:06:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.088	152	25343	20.00	ng		#-0.01
21) Naphthalene-d8	10.914	136	102303	20.00	ng		#-0.01
39) Acenaphthene-d10	14.745	164	74927	20.00	ng		0.00
64) Phenanthrene-d10	17.494	188	175714	20.00	ng		0.00
76) Chrysene-d12	21.789	240	190891	20.00	ng		#-0.01
86) Perylene-d12	25.133	264	185813	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.638	112	170865	119.03	ng		0.00
7) Phenol-d6	7.248	99	215289	103.41	ng		0.00
23) Nitrobenzene-d5	9.263	82	124830	59.08	ng		0.00
42) 2,4,6-Tribromophenol	16.231	330	101712	103.27	ng		0.00
45) 2-Fluorobiphenyl	13.364	172	305182	60.54	ng		0.00
79) Terphenyl-d14	20.103	244	620398	59.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.493	88	19116	33.10	ng		97
3) Pyridine	3.899	79	52926	36.55	ng		97
4) n-Nitrosodimethylamine	3.811	42	39768	42.04	ng	#	97
6) Aniline	7.406	93	45488	19.02	ng		97
8) 2-Chlorophenol	7.653	128	70415	43.41	ng		88
9) Benzaldehyde	7.218	77	45311	34.05	ng		91
10) Phenol	7.271	94	84244	40.42	ng		94
11) bis(2-Chloroethyl)ether	7.500	93	56663	39.18	ng		98
12) 1,3-Dichlorobenzene	7.976	146	76994	42.13	ng		96
13) 1,4-Dichlorobenzene	8.123	146	76760	41.66	ng		94
14) 1,2-Dichlorobenzene	8.446	146	74493	42.21	ng		95
15) Benzyl Alcohol	8.329	79	65681	38.51	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.617	45	53371	38.26	ng		95
17) 2-Methylphenol	8.534	107	57394	42.56	ng		90
18) Hexachloroethane	9.181	117	29442	43.00	ng	#	73
19) n-Nitroso-di-n-propyla...	8.899	70	49589	34.56	ng		94
20) 3+4-Methylphenols	8.863	107	77650	41.48	ng		96
22) Acetophenone	8.916	105	102165	38.73	ng		95
24) Nitrobenzene	9.304	77	79854	38.51	ng		94
25) Isophorone	9.827	82	137740	35.30	ng		97
26) 2-Nitrophenol	10.021	139	39453	41.41	ng		97
27) 2,4-Dimethylphenol	10.074	122	66296	44.22	ng		94
28) bis(2-Chloroethoxy)met...	10.309	93	75052	41.96	ng		96
29) 2,4-Dichlorophenol	10.561	162	70537	41.55	ng		95
30) 1,2,4-Trichlorobenzene	10.779	180	78934	40.46	ng		98
31) Naphthalene	10.967	128	205223	39.02	ng	#	95
32) Benzoic acid	10.209	122	37974	32.92	ng		97
33) 4-Chloroaniline	11.073	127	19502	8.79	ng		95
34) Hexachlorobutadiene	11.249	225	57517	40.38	ng		90
35) Caprolactam	11.842	113	22427	36.21	ng		81
36) 4-Chloro-3-methylphenol	12.195	107	74613	39.14	ng		97
37) 2-Methylnaphthalene	12.571	142	159194	38.02	ng		94
38) 1-Methylnaphthalene	12.788	142	150244	37.62	ng		100
40) 1,2,4,5-Tetrachloroben...	12.935	216	92891	39.99	ng		98
41) Hexachlorocyclopentadiene	12.912	237	127201	94.54	ng		94
43) 2,4,6-Trichlorophenol	13.170	196	63758	39.94	ng		97

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44) 2,4,5-Trichlorophenol	13.252	196	62742	36.73	ng		94
46) 1,1'-Biphenyl	13.576	154	215105	39.29	ng		97
47) 2-Chloronaphthalene	13.623	162	162871	39.05	ng		94
48) 2-Nitroaniline	13.822	65	50969	38.44	ng		89
49) Acenaphthylene	14.463	152	270757	41.41	ng		99
50) Dimethylphthalate	14.187	163	214857	38.63	ng		98
51) 2,6-Dinitrotoluene	14.310	165	48453	38.08	ng		97
52) Acenaphthene	14.809	154	163929	34.66	ng		97
53) 3-Nitroaniline	14.639	138	20195	16.19	ng	#	77
54) 2,4-Dinitrophenol	14.851	184	58079	81.18	ng		92
55) Dibenzofuran	15.138	168	252094	36.50	ng		98
56) 4-Nitrophenol	14.956	139	74491	73.97	ng		88
57) 2,4-Dinitrotoluene	15.103	165	69014	38.35	ng	#	88
58) Fluorene	15.791	166	212331	36.72	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.368	232	64180	38.52	ng		99
60) Diethylphthalate	15.550	149	219996	38.50	ng		94
61) 4-Chlorophenyl-phenyle...	15.779	204	118429	38.07	ng		95
62) 4-Nitroaniline	15.808	138	47225	36.19	ng		99
63) Azobenzene	16.073	77	189448	33.70	ng		97
65) 4,6-Dinitro-2-methylph...	15.861	198	45641	43.23	ng		95
66) n-Nitrosodiphenylamine	15.996	169	186792	37.36	ng		96
67) 4-Bromophenyl-phenylether	16.678	248	75914	38.97	ng		92
68) Hexachlorobenzene	16.795	284	83181	40.90	ng		96
69) Atrazine	16.942	200	79222	38.86	ng		96
70) Pentachlorophenol	17.142	266	102884	81.39	ng		95
71) Phenanthrene	17.536	178	362554	39.75	ng		96
72) Anthracene	17.630	178	365248	40.18	ng		99
73) Carbazole	17.900	167	330538	38.35	ng		99
74) Di-n-butylphthalate	18.446	149	400515	41.59	ng		98
75) Fluoranthene	19.545	202	472352	41.77	ng		96
77) Benzidine	19.727	184	135250	20.92	ng		98
78) Pyrene	19.909	202	479565	36.54	ng		98
80) Butylbenzylphthalate	20.791	149	194046	39.81	ng		97
81) Benzo(a)anthracene	21.772	228	494929	38.81	ng		97
82) 3,3'-Dichlorobenzidine	21.678	252	91557	20.90	ng		92
83) Chrysene	21.836	228	464498	38.16	ng		94
84) Bis(2-ethylhexyl)phtha...	21.660	149	282059	41.54	ng		100
85) Di-n-octyl phthalate	22.912	149	475261	40.15	ng		99
87) Indeno(1,2,3-cd)pyrene	28.963	276	523975	40.22	ng	#	93
88) Benzo(b)fluoranthene	24.069	252	499654	41.40	ng	#	97
89) Benzo(k)fluoranthene	24.134	252	475673	41.00	ng		99
90) Benzo(a)pyrene	24.974	252	438742	39.45	ng		99
91) Dibenzo(a,h)anthracene	29.034	278	449660	40.44	ng		98
92) Benzo(g,h,i)perylene	30.162	276	384080	35.27	ng		97

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

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