Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041521\
Data File : BG048706.D
Acq On : 15 Apr 2021 12:51
Operator : CG/JU
Sample : PB135724BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB135724BSD

Manual Integrations APPROVED
mohammad
4/16/2021 11:26:19 AM

Quant Time: Apr 15 13:42:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 15 10:59:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.085	152	23947	20.00	ng		# 0.00
21) Naphthalene-d8	10.912	136	98750	20.00	ng		# 0.00
39) Acenaphthene-d10	14.742	164	75711	20.00	ng		0.00
64) Phenanthrene-d10	17.498	188	185223	20.00	ng		# 0.00
76) Chrysene-d12	21.799	240	172817	20.00	ng		0.00
86) Perylene-d12	25.142	264	159776	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.635	112	166568	116.33	ng		0.00
7) Phenol-d6	7.245	99	219089	108.18	ng		0.00
23) Nitrobenzene-d5	9.255	82	136337	61.81	ng		0.00
42) 2,4,6-Tribromophenol	16.235	330	105247	103.68	ng		0.00
45) 2-Fluorobiphenyl	13.356	172	312151	59.54	ng		0.00
79) Terphenyl-d14	20.107	244	604477	60.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.485	88	19338	34.47	ng		90
3) Pyridine	3.890	79	55228	37.77	ng		85
4) n-Nitrosodimethylamine	3.802	42	45439	40.70	ng	#	94
6) Aniline	7.398	93	64597	28.42	ng	#	88
8) 2-Chlorophenol	7.645	128	66524	43.80	ng		91
9) Benzaldehyde	7.210	77	29024	21.63	ng		89
10) Phenol	7.275	94	90302	45.34	ng		94
11) bis(2-Chloroethyl)ether	7.498	93	57055	42.51	ng		94
12) 1,3-Dichlorobenzene	7.974	146	70366	40.29	ng		97
13) 1,4-Dichlorobenzene	8.115	146	73367	41.22	ng		98
14) 1,2-Dichlorobenzene	8.438	146	67442	41.07	ng		98
15) Benzyl Alcohol	8.321	79	74644	41.83	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.608	45	61490	42.26	ng		92
17) 2-Methylphenol	8.532	107	57829	45.49	ng		92
18) Hexachloroethane	9.172	117	27835	39.82	ng		96
19) n-Nitroso-di-n-propyla...	8.890	70	55724	40.78	ng		95
20) 3+4-Methylphenols	8.861	107	80142	45.69	ng		96
22) Acetophenone	8.914	105	106940	41.61	ng	#	95
24) Nitrobenzene	9.296	77	87292	39.68	ng		93
25) Isophorone	9.825	82	152784	39.17	ng		99
26) 2-Nitrophenol	10.013	139	39796	41.79	ng		96
27) 2,4-Dimethylphenol	10.071	122	67475	46.09	ng		87
28) bis(2-Chloroethoxy)met...	10.306	93	79867	47.00	ng		95
29) 2,4-Dichlorophenol	10.559	162	71304	43.19	ng		87
30) 1,2,4-Trichlorobenzene	10.771	180	78082	40.79	ng		93
31) Naphthalene	10.964	128	202809	40.02	ng		97
32) Benzoic acid	10.230	122	34632	40.38	ng	#	73
33) 4-Chloroaniline	11.070	127	32614	15.47	ng	#	87
34) Hexachlorobutadiene	11.241	225	56625	39.84	ng	#	89
35) Caprolactam	11.840	113	25051m	44.65	ng		
36) 4-Chloro-3-methylphenol	12.192	107	79973	42.77	ng	#	95
37) 2-Methylnaphthalene	12.568	142	161270	39.83	ng		97
38) 1-Methylnaphthalene	12.786	142	150428	39.93	ng		98
40) 1,2,4,5-Tetrachloroben...	12.927	216	95361	38.70	ng		98
41) Hexachlorocyclopentadiene	12.909	237	103315	77.10	ng		90
43) 2,4,6-Trichlorophenol	13.174	196	64177	39.02	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.250	196	69970	40.06	ng		97
46) 1,1'-Biphenyl	13.567	154	215718	38.57	ng		97
47) 2-Chloronaphthalene	13.614	162	164091	38.41	ng		99
48) 2-Nitroaniline	13.820	65	60357	39.32	ng		96
49) Acenaphthylene	14.466	152	269554	40.44	ng		94
50) Dimethylphthalate	14.190	163	225575	39.72	ng		98
51) 2,6-Dinitrotoluene	14.313	165	50016	38.17	ng		91
52) Acenaphthene	14.807	154	169505	40.05	ng		99
53) 3-Nitroaniline	14.643	138	28527	22.68	ng		94
54) 2,4-Dinitrophenol	14.854	184	61156	77.91	ng		94
55) Dibenzofuran	15.142	168	264059	37.69	ng		98
56) 4-Nitrophenol	14.966	139	76663	82.27	ng		95
57) 2,4-Dinitrotoluene	15.101	165	74652	39.23	ng		99
58) Fluorene	15.788	166	222461	38.66	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.365	232	65957m	40.82	ng		
60) Diethylphthalate	15.547	149	237626	40.44	ng		96
61) 4-Chlorophenyl-phenyle...	15.776	204	127404	40.26	ng		97
62) 4-Nitroaniline	15.812	138	48466	36.04	ng		97
63) Azobenzene	16.070	77	229066	38.71	ng		93
65) 4,6-Dinitro-2-methylph...	15.871	198	46290	37.33	ng		96
66) n-Nitrosodiphenylamine	15.994	169	200937	38.38	ng		95
67) 4-Bromophenyl-phenylether	16.675	248	83697	39.26	ng		96
68) Hexachlorobenzene	16.799	284	86960	40.27	ng		97
69) Atrazine	16.946	200	86065	39.53	ng		96
70) Pentachlorophenol	17.145	266	95455	82.96	ng		99
71) Phenanthrene	17.539	178	380901	39.62	ng		97
72) Anthracene	17.633	178	377096	39.64	ng		99
73) Carbazole	17.898	167	342164	37.55	ng		100
74) Di-n-butylphthalate	18.450	149	414545	40.58	ng		99
75) Fluoranthene	19.549	202	471125	38.75	ng		98
77) Benzidine	19.725	184	119662	25.50	ng		96
78) Pyrene	19.913	202	464327	38.84	ng		97
80) Butylbenzylphthalate	20.794	149	184348	39.43	ng		94
81) Benzo(a)anthracene	21.775	228	467362	39.58	ng		97
82) 3,3'-Dichlorobenzidine	21.687	252	124662	30.78	ng		95
83) Chrysene	21.846	228	425808	37.85	ng		98
84) Bis(2-ethylhexyl)phtha...	21.664	149	263371	40.24	ng		99
85) Di-n-octyl phthalate	22.921	149	457331	41.04	ng		99
87) Indeno(1,2,3-cd)pyrene	28.990	276	534449	45.54	ng	#	95
88) Benzo(b)fluoranthene	24.073	252	485408	44.78	ng		98
89) Benzo(k)fluoranthene	24.143	252	448912	44.04	ng		98
90) Benzo(a)pyrene	24.983	252	420901	42.15	ng		94
91) Dibenzo(a,h)anthracene	29.049	278	441902	43.91	ng	#	98
92) Benzo(g,h,i)perylene	30.183	276	438185	44.10	ng		96

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

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