Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040621\
Data File : BG048599.D
Acq On : 6 Apr 2021 11:26
Operator : CG/JU
Sample : PB135529BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB135529BS

Manual Integrations APPROVED
mohammad
4/8/2021 8:06:25 AM

Quant Time: Apr 06 12:36:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 02 10:20:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.093	152	32513	20.00	ng	#	0.00
21) Naphthalene-d8	10.919	136	133917	20.00	ng		0.00
39) Acenaphthene-d10	14.744	164	97283	20.00	ng		0.00
64) Phenanthrene-d10	17.499	188	230311	20.00	ng		0.00
76) Chrysene-d12	21.800	240	233603	20.00	ng	#	0.00
86) Perylene-d12	25.143	264	224660	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.637	112	212718	115.51	ng		0.00
7) Phenol-d6	7.247	99	266288	99.70	ng		0.00
23) Nitrobenzene-d5	9.262	82	158846	57.43	ng		0.00
42) 2,4,6-Tribromophenol	16.236	330	123118	96.27	ng		0.00
45) 2-Fluorobiphenyl	13.363	172	376585	57.54	ng		0.00
79) Terphenyl-d14	20.108	244	744089	58.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.492	88	22202	29.97	ng	#	92
3) Pyridine	3.898	79	61171	32.93	ng		96
4) n-Nitrosodimethylamine	3.810	42	44646	36.79	ng	#	97
6) Aniline	7.411	93	61590	20.08	ng		98
8) 2-Chlorophenol	7.652	128	78520	37.73	ng		98
9) Benzaldehyde	7.223	77	56021	32.81	ng		97
10) Phenol	7.276	94	101708	38.04	ng		99
11) bis(2-Chloroethyl)ether	7.505	93	67446	36.35	ng		98
12) 1,3-Dichlorobenzene	7.981	146	89034	37.98	ng		95
13) 1,4-Dichlorobenzene	8.128	146	89872m	38.02	ng		
14) 1,2-Dichlorobenzene	8.451	146	85424	37.73	ng		91
15) Benzyl Alcohol	8.328	79	79355	36.27	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.616	45	63616	35.55	ng		94
17) 2-Methylphenol	8.533	107	68559	39.63	ng		88
18) Hexachloroethane	9.186	117	33172	37.77	ng	#	80
19) n-Nitroso-di-n-propyla...	8.898	70	61146	33.22	ng	#	93
20) 3+4-Methylphenols	8.862	107	91587	38.14	ng		98
22) Acetophenone	8.915	105	118178	34.23	ng	#	97
24) Nitrobenzene	9.303	77	98412	36.25	ng		99
25) Isophorone	9.826	82	167042	32.70	ng		99
26) 2-Nitrophenol	10.020	139	46268	37.10	ng		94
27) 2,4-Dimethylphenol	10.079	122	80948	41.25	ng		93
28) bis(2-Chloroethoxy)met...	10.314	93	88721	37.89	ng		93
29) 2,4-Dichlorophenol	10.560	162	81292	36.58	ng		91
30) 1,2,4-Trichlorobenzene	10.778	180	91356	35.78	ng		96
31) Naphthalene	10.972	128	242671	35.24	ng		99
32) Benzoic acid	10.214	122	47566	31.51	ng		96
33) 4-Chloroaniline	11.078	127	32830	11.30	ng	#	91
34) Hexachlorobutadiene	11.248	225	66986	35.92	ng		90
35) Caprolactam	11.847	113	28178m	34.76	ng		
36) 4-Chloro-3-methylphenol	12.200	107	88289	35.38	ng		95
37) 2-Methylnaphthalene	12.576	142	186190	33.97	ng		96
38) 1-Methylnaphthalene	12.793	142	171472	32.80	ng		100
40) 1,2,4,5-Tetrachloroben...	12.940	216	103979	34.48	ng		93
41) Hexachlorocyclopentadiene	12.917	237	138370	79.20	ng		98
43) 2,4,6-Trichlorophenol	13.175	196	72618	35.03	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.251	196	79290	35.75	ng		97
46)	1,1'-Biphenyl	13.580	154	248045	34.90	ng		98
47)	2-Chloronaphthalene	13.622	162	188465	34.80	ng		98
48)	2-Nitroaniline	13.821	65	57465	33.38	ng		92
49)	Acenaphthylene	14.468	152	307495	36.22	ng		99
50)	Dimethylphthalate	14.192	163	246995	34.21	ng		99
51)	2,6-Dinitrotoluene	14.315	165	54042	32.72	ng		99
52)	Acenaphthene	14.808	154	192170	31.29	ng		98
53)	3-Nitroaniline	14.644	138	24957	15.41	ng	#	83
54)	2,4-Dinitrophenol	14.855	184	72629	78.19	ng		94
55)	Dibenzofuran	15.143	168	289309	32.26	ng		98
56)	4-Nitrophenol	14.955	139	93507	71.51	ng		90
57)	2,4-Dinitrotoluene	15.102	165	80565	34.48	ng		97
58)	Fluorene	15.796	166	251714	33.53	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.372	232	74372	34.38	ng		100
60)	Diethylphthalate	15.555	149	252386	34.02	ng		97
61)	4-Chlorophenyl-phenyle...	15.784	204	137457	34.03	ng		96
62)	4-Nitroaniline	15.813	138	58503	34.53	ng		92
63)	Azobenzene	16.078	77	224237	30.72	ng		96
65)	4,6-Dinitro-2-methylph...	15.866	198	46773	33.80	ng		91
66)	n-Nitrosodiphenylamine	16.001	169	223099	34.05	ng		99
67)	4-Bromophenyl-phenylether	16.683	248	87983	34.46	ng		95
68)	Hexachlorobenzene	16.800	284	94468	35.44	ng		98
69)	Atrazine	16.947	200	96618	36.15	ng		98
70)	Pentachlorophenol	17.147	266	123548	74.56	ng		96
71)	Phenanthrene	17.546	178	410083	34.30	ng		98
72)	Anthracene	17.635	178	422863	35.49	ng		98
73)	Carbazole	17.905	167	385372	34.11	ng		100
74)	Di-n-butylphthalate	18.457	149	469765	37.22	ng		98
75)	Fluoranthene	19.556	202	539536	36.40	ng		98
77)	Benzidine	19.732	184	203850	25.77	ng		99
78)	Pyrene	19.914	202	538164	33.51	ng		99
80)	Butylbenzylphthalate	20.796	149	219112	36.73	ng		95
81)	Benzo(a)anthracene	21.783	228	547403	35.07	ng		100
82)	3,3'-Dichlorobenzidine	21.689	252	109364	20.40	ng	#	85
83)	Chrysene	21.847	228	506217	33.99	ng		96
84)	Bis(2-ethylhexyl)phtha...	21.671	149	308575	37.13	ng	#	99
85)	Di-n-octyl phthalate	22.928	149	514853	35.54	ng		99
87)	Indeno(1,2,3-cd)pyrene	28.986	276	577394	36.66	ng	#	85
88)	Benzo(b)fluoranthene	24.080	252	543610	37.26	ng	#	97
89)	Benzo(k)fluoranthene	24.150	252	500400	35.67	ng		99
90)	Benzo(a)pyrene	24.991	252	477542	35.51	ng		99
91)	Dibenzo(a,h)anthracene	29.056	278	489177	36.39	ng		97
92)	Benzo(g,h,i)perylene	30.202	276	416273	31.62	ng		99

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

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