Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040221\
Data File : BG048569.D
Acq On : 2 Apr 2021 15:14
Operator : CG/JU
Sample : PB135455BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB135455BS

Manual Integrations APPROVED
mohammad
4/5/2021 11:54:43 AM

Quant Time: Apr 02 16:02:34 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	8.096	152	28595	20.00	ng		# 0.00
21) Naphthalene-d8	10.922	136	115654	20.00	ng		0.00
39) Acenaphthene-d10	14.747	164	84291	20.00	ng		0.00
64) Phenanthrene-d10	17.503	188	206352	20.00	ng		# 0.00
76) Chrysene-d12	21.803	240	196792	20.00	ng		# 0.00
86) Perylene-d12	25.141	264	202763	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.640	112	179689	110.94	ng		0.00
7) Phenol-d6	7.250	99	231719	98.65	ng		0.00
23) Nitrobenzene-d5	9.265	82	137874	57.72	ng		0.00
42) 2,4,6-Tribromophenol	16.239	330	108291	97.73	ng		0.00
45) 2-Fluorobiphenyl	13.372	172	329700	58.14	ng		0.00
79) Terphenyl-d14	20.111	244	639068	59.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.501	88	18886	28.98	ng	#	86
3) Pyridine	3.907	79	55974	34.26	ng		98
4) n-Nitrosodimethylamine	3.819	42	39091	36.62	ng	#	88
6) Aniline	7.414	93	41916	15.54	ng		95
8) 2-Chlorophenol	7.661	128	69255	37.84	ng		98
9) Benzaldehyde	7.226	77	51300	34.17	ng		99
10) Phenol	7.273	94	87094	37.03	ng		95
11) bis(2-Chloroethyl)ether	7.508	93	56064	34.36	ng		98
12) 1,3-Dichlorobenzene	7.984	146	75607	36.67	ng		97
13) 1,4-Dichlorobenzene	8.131	146	77138m	37.10	ng		
14) 1,2-Dichlorobenzene	8.454	146	71334	35.83	ng		95
15) Benzyl Alcohol	8.331	79	69103	35.91	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.619	45	54783	34.80	ng		95
17) 2-Methylphenol	8.537	107	58718	38.59	ng		94
18) Hexachloroethane	9.195	117	27749	35.92	ng		86
19) n-Nitroso-di-n-propyla...	8.901	70	52565	32.47	ng	#	95
20) 3+4-Methylphenols	8.860	107	80054	37.90	ng		97
22) Acetophenone	8.924	105	102340	34.32	ng	#	97
24) Nitrobenzene	9.306	77	82901	35.36	ng		95
25) Isophorone	9.835	82	150174	34.04	ng		97
26) 2-Nitrophenol	10.023	139	38556	35.80	ng		94
27) 2,4-Dimethylphenol	10.082	122	68388	40.35	ng		96
28) bis(2-Chloroethoxy)met...	10.317	93	79063	39.10	ng		99
29) 2,4-Dichlorophenol	10.564	162	69384	36.15	ng		93
30) 1,2,4-Trichlorobenzene	10.781	180	79183	35.91	ng		97
31) Naphthalene	10.975	128	207958	34.97	ng		99
32) Benzoic acid	10.211	122	49165	37.71	ng		92
33) 4-Chloroaniline	11.075	127	18229	7.26	ng	#	91
34) Hexachlorobutadiene	11.257	225	55469	34.44	ng	#	83
35) Caprolactam	11.844	113	23618m	33.73	ng		
36) 4-Chloro-3-methylphenol	12.197	107	77582	36.00	ng		97
37) 2-Methylnaphthalene	12.579	142	163823	34.61	ng		98
38) 1-Methylnaphthalene	12.796	142	147658	32.71	ng		94
40) 1,2,4,5-Tetrachloroben...	12.943	216	91156	34.89	ng		97
41) Hexachlorocyclopentadiene	12.920	237	141901	93.75	ng		96
43) 2,4,6-Trichlorophenol	13.178	196	63266	35.23	ng		95

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.255	196	70514	36.70	ng		93
46)	1,1'-Biphenyl	13.578	154	213027	34.59	ng		97
47)	2-Chloronaphthalene	13.625	162	159219	33.93	ng		98
48)	2-Nitroaniline	13.824	65	53846	36.10	ng		92
49)	Acenaphthylene	14.471	152	271883	36.96	ng		96
50)	Dimethylphthalate	14.195	163	219714	35.12	ng	#	96
51)	2,6-Dinitrotoluene	14.318	165	49699	34.72	ng		95
52)	Acenaphthene	14.812	154	207460m	38.99	ng		
53)	3-Nitroaniline	14.641	138	13811	9.84	ng		96
54)	2,4-Dinitrophenol	14.853	184	63516	78.92	ng		96
55)	Dibenzofuran	15.146	168	257300	33.11	ng		95
56)	4-Nitrophenol	14.953	139	87208	76.97	ng		85
57)	2,4-Dinitrotoluene	15.099	165	69982	34.57	ng		94
58)	Fluorene	15.799	166	216124	33.23	ng		96
59)	2,3,4,6-Tetrachlorophenol	15.370	232	66243	35.34	ng	#	99
60)	Diethylphthalate	15.558	149	223999	34.85	ng		99
61)	4-Chlorophenyl-phenyle...	15.787	204	120549	34.45	ng		97
62)	4-Nitroaniline	15.810	138	46118	31.41	ng		88
63)	Azobenzene	16.081	77	205040	32.42	ng		98
65)	4,6-Dinitro-2-methylph...	15.869	198	42766	34.49	ng		96
66)	n-Nitrosodiphenylamine	15.998	169	197702	33.68	ng		99
67)	4-Bromophenyl-phenylether	16.686	248	77776	34.00	ng		91
68)	Hexachlorobenzene	16.803	284	78348	32.80	ng		94
69)	Atrazine	16.950	200	86294	36.04	ng		98
70)	Pentachlorophenol	17.144	266	111219	74.92	ng		94
71)	Phenanthrene	17.544	178	366537	34.22	ng		97
72)	Anthracene	17.638	178	370741	34.73	ng		99
73)	Carbazole	17.902	167	344813	34.06	ng		98
74)	Di-n-butylphthalate	18.454	149	420641	37.19	ng		99
75)	Fluoranthene	19.553	202	458797	34.55	ng		95
77)	Benzidine	19.729	184	120450	18.07	ng		99
78)	Pyrene	19.917	202	459404	33.95	ng		97
80)	Butylbenzylphthalate	20.799	149	180699	35.96	ng		95
81)	Benzo(a)anthracene	21.780	228	448896	34.14	ng		99
82)	3,3'-Dichlorobenzidine	21.692	252	66238	14.66	ng		90
83)	Chrysene	21.850	228	411960	32.83	ng		96
84)	Bis(2-ethylhexyl)phtha...	21.674	149	250593	35.80	ng		98
85)	Di-n-octyl phthalate	22.931	149	426332	34.93	ng	#	99
87)	Indeno(1,2,3-cd)pyrene	28.983	276	483842	34.04	ng	#	89
88)	Benzo(b)fluoranthene	24.077	252	442605	33.61	ng		98
89)	Benzo(k)fluoranthene	24.148	252	420345	33.20	ng		99
90)	Benzo(a)pyrene	24.988	252	393937	32.46	ng	#	96
91)	Dibenzo(a,h)anthracene	29.065	278	414963	34.20	ng		98
92)	Benzo(g,h,i)perylene	30.188	276	403872	33.99	ng		98

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

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