Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
Data File : BG060999.D
Acq On : 22 Apr 2024 20:11
Operator : MA/JU
Sample : P2126-07MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 23 02:21:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 22 04:22:00 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SP-1CMSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.944	152	27435	20.000	ng		0.00
21) Naphthalene-d8	10.741	136	98634	20.000	ng	#	0.00
39) Acenaphthene-d10	14.571	164	76091	20.000	ng		0.00
64) Phenanthrene-d10	17.321	188	183385	20.000	ng		0.00
76) Chrysene-d12	21.593	240	188604	20.000	ng		0.01
86) Perylene-d12	24.724	264	229469	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.535	112	130347	96.103	ng		0.00
7) Phenol-d6	7.115	99	170400	84.674	ng		0.00
23) Nitrobenzene-d5	9.095	82	129117	58.814	ng		0.00
42) 2,4,6-Tribromophenol	16.064	330	151461	90.646	ng		0.00
45) 2-Fluorobiphenyl	13.197	172	336764	61.254	ng		0.00
79) Terphenyl-d14	19.942	244	664552	54.693	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.449	88	15761	33.576	ng		92
3) Pyridine	3.837	79	43271	29.822	ng		93
4) n-Nitrosodimethylamine	3.755	42	48770	37.372	ng		92
6) Aniline	7.268	93	29713	12.285	ng	#	94
8) 2-Chlorophenol	7.509	128	72245	42.749	ng		94
9) Benzaldehyde	7.080	77	3753	3.626	ng	#	85
10) Phenol	7.145	94	83892	41.959	ng		94
11) bis(2-Chloroethyl)ether	7.362	93	56246	39.320	ng		93
12) 1,3-Dichlorobenzene	7.832	146	83798	44.714	ng		97
13) 1,4-Dichlorobenzene	7.979	146	84611	43.831	ng		95
14) 1,2-Dichlorobenzene	8.296	146	83441	44.229	ng		97
15) Benzyl Alcohol	8.179	79	73080	38.462	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.461	45	121463	39.006	ng		99
17) 2-Methylphenol	8.390	107	62551	38.746	ng		95
18) Hexachloroethane	9.025	117	31225	44.890	ng		99
19) n-Nitroso-di-n-propyla...	8.743	70	52794	35.202	ng		96
20) 3+4-Methylphenols	8.714	107	85992	38.087	ng		98
22) Acetophenone	8.761	105	116666	42.359	ng		95
24) Nitrobenzene	9.142	77	87456	41.458	ng		95
25) Isophorone	9.665	82	146963	40.001	ng		96
26) 2-Nitrophenol	9.847	139	42804	43.173	ng		93
27) 2,4-Dimethylphenol	9.918	122	54212	34.114	ng		92
28) bis(2-Chloroethoxy)met...	10.147	93	78809	40.777	ng		91
29) 2,4-Dichlorophenol	10.388	162	83976	45.786	ng		99
30) 1,2,4-Trichlorobenzene	10.600	180	96233	47.554	ng		93
31) Naphthalene	10.793	128	425929	78.876	ng		98
32) Benzoic acid	10.071	122	52281m	43.178	ng		
33) 4-Chloroaniline	10.893	127	28218	11.503	ng		95
34) Hexachlorobutadiene	11.075	225	79685	44.775	ng		98
35) Caprolactam	11.675	113	21025	35.990	ng	#	78
36) 4-Chloro-3-methylphenol	12.027	107	81625	38.159	ng		98
37) 2-Methylnaphthalene	12.397	142	215279	50.704	ng		95
38) 1-Methylnaphthalene	12.615	142	190498	48.081	ng		95
40) 1,2,4,5-Tetrachloroben...	12.768	216	136115	50.337	ng		99
41) Hexachlorocyclopentadiene	12.744	237	54604	34.319	ng		95
43) 2,4,6-Trichlorophenol	13.008	196	81535	45.870	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.085	196	88051	41.876	ng		98
46)	1,1'-Biphenyl	13.408	154	255455	49.841	ng		98
47)	2-Chloronaphthalene	13.449	162	187266	47.653	ng		97
48)	2-Nitroaniline	13.649	65	65357	41.208	ng		95
49)	Acenaphthylene	14.295	152	309259	46.727	ng		100
50)	Dimethylphthalate	14.031	163	246534	39.291	ng		98
51)	2,6-Dinitrotoluene	14.148	165	52087	39.785	ng		93
52)	Acenaphthene	14.642	154	311008	77.335	ng		98
53)	3-Nitroaniline	14.471	138	34165	26.465	ng		99
54)	2,4-Dinitrophenol	14.683	184	25088	32.932	ng		92
55)	Dibenzofuran	14.971	168	429499	61.848	ng		96
56)	4-Nitrophenol	14.795	139	81370	87.980	ng		96
57)	2,4-Dinitrotoluene	14.942	165	77466	41.083	ng		97
58)	Fluorene	15.623	166	412714	70.411	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.200	232	90094m	42.454	ng		
60)	Diethylphthalate	15.394	149	242629	39.265	ng		98
61)	4-Chlorophenyl-phenyle...	15.617	204	147578	40.824	ng		97
62)	4-Nitroaniline	15.635	138	49879	35.832	ng		91
63)	Azobenzene	15.911	77	204010	40.591	ng		92
65)	4,6-Dinitro-2-methylph...	15.705	198	23214	20.501	ng		97
66)	n-Nitrosodiphenylamine	15.829	169	221641	43.869	ng		97
67)	4-Bromophenyl-phenylether	16.510	248	107039	44.227	ng		97
68)	Hexachlorobenzene	16.634	284	128809	48.183	ng		99
69)	Atrazine	16.786	200	96209	50.879	ng		98
70)	Pentachlorophenol	16.980	266	170843	97.459	ng		98
71)	Phenanthrene	17.380	178	3075277	328.536	ng		95
72)	Anthracene	17.462	178	1016902	105.482	ng		98
73)	Carbazole	17.726	167	658889	82.294	ng		98
74)	Di-n-butylphthalate	18.291	149	400131	41.163	ng		99
75)	Fluoranthene	19.395	202	4098512	329.921	ng		87
77)	Benzidine	19.560	184	118813	33.999	ng		99
78)	Pyrene	19.759	202	3691582	287.462	ng	#	91
80)	Butylbenzylphthalate	20.635	149	175933	41.103	ng		98
81)	Benzo(a)anthracene	21.581	228	2332006	175.868	ng		93
82)	3,3'-Dichlorobenzidine	21.487	252	150829	31.474	ng		99
83)	Chrysene	21.645	228	2142568	169.714	ng		97
84)	Bis(2-ethylhexyl)phtha...	21.493	149	260978	41.937	ng		98
85)	Di-n-octyl phthalate	22.680	149	425519	41.186	ng		98
87)	Indeno(1,2,3-cd)pyrene	28.302	276	1227304	77.100	ng		92
88)	Benzo(b)fluoranthene	23.755	252	2434259	187.195	ng		100
89)	Benzo(k)fluoranthene	23.819	252	1376526m	104.860	ng		
90)	Benzo(a)pyrene	24.601	252	1941652	154.261	ng		99
91)	Dibenzo(a,h)anthracene	28.361	278	566677	43.572	ng		99
92)	Benzo(g,h,i)perylene	29.413	276	950004	73.671	ng		96

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

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