Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021523\
Data File : BG056644.D
Acq On : 15 Feb 2023 22:41
Operator : CG/JU
Sample : PB150774BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 16 01:55:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 16 01:33:33 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB150774BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/16/2023
Supervised By :Jagrut Upadhyay 02/16/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.437	152	13275	20.000	ng		0.00
21) Naphthalene-d8	11.275	136	57651	20.000	ng		0.00
39) Acenaphthene-d10	15.041	164	47098	20.000	ng		0.00
64) Phenanthrene-d10	17.773	188	120531	20.000	ng		0.00
76) Chrysene-d12	22.092	240	116270	20.000	ng		0.00
86) Perylene-d12	25.635	264	122491	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.940	112	121300	148.673	ng		0.00
7) Phenol-d6	7.556	99	174919	145.139	ng		0.00
23) Nitrobenzene-d5	9.612	82	100543	89.295	ng		0.00
42) 2,4,6-Tribromophenol	16.516	330	91439	141.803	ng		0.00
45) 2-Fluorobiphenyl	13.672	172	282285	80.257	ng		0.00
79) Terphenyl-d14	20.347	244	617496	86.892	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.749	88	12104	33.839	ng	#	92
3) Pyridine	4.172	79	34733	30.698	ng		97
4) n-Nitrosodimethylamine	4.078	42	21636	41.025	ng	#	84
6) Aniline	7.744	93	56881	33.960	ng		99
8) 2-Chlorophenol	7.991	128	39173	48.527	ng		96
9) Benzaldehyde	7.556	77	17347	27.217	ng		98
10) Phenol	7.585	94	60413	49.004	ng		99
11) bis(2-Chloroethyl)ether	7.832	93	39229	42.410	ng		99
12) 1,3-Dichlorobenzene	8.326	146	40991	42.620	ng		95
13) 1,4-Dichlorobenzene	8.472	146	41769	43.123	ng		96
14) 1,2-Dichlorobenzene	8.796	146	41192	44.244	ng		93
15) Benzyl Alcohol	8.660	79	49817	46.164	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.960	45	54020	43.499	ng		98
17) 2-Methylphenol	8.860	107	38509	44.449	ng		98
18) Hexachloroethane	9.542	117	14562	47.460	ng		95
19) n-Nitroso-di-n-propyla...	9.236	70	39593	43.883	ng		98
20) 3+4-Methylphenols	9.183	107	53192	44.695	ng		93
22) Acetophenone	9.260	105	70032	39.757	ng	#	97
24) Nitrobenzene	9.653	77	52736	40.647	ng		95
25) Isophorone	10.176	82	108592	39.628	ng		98
26) 2-Nitrophenol	10.370	139	20794	44.851	ng		92
27) 2,4-Dimethylphenol	10.411	122	46673	44.054	ng		98
28) bis(2-Chloroethoxy)met...	10.652	93	57023	40.832	ng		97
29) 2,4-Dichlorophenol	10.905	162	48076	45.785	ng		100
30) 1,2,4-Trichlorobenzene	11.134	180	51848	41.451	ng		98
31) Naphthalene	11.328	128	127500	39.904	ng		100
32) Benzoic acid	10.523	122	29882	43.761	ng		97
33) 4-Chloroaniline	11.416	127	36137	24.755	ng		97
34) Hexachlorobutadiene	11.604	225	36152	40.444	ng		96
35) Caprolactam	12.174	113	15883m	47.029	ng		
36) 4-Chloro-3-methylphenol	12.497	107	53552	46.247	ng		99
37) 2-Methylnaphthalene	12.897	142	97916	38.812	ng		99
38) 1-Methylnaphthalene	13.114	142	92254	39.189	ng		98
40) 1,2,4,5-Tetrachloroben...	13.255	216	69655	39.784	ng		99
41) Hexachlorocyclopentadiene	13.237	237	85314	89.839	ng		99
43) 2,4,6-Trichlorophenol	13.478	196	48332	45.498	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.549	196	53201	41.786	ng		99
46)	1,1'-Biphenyl	13.884	154	144451	40.488	ng		99
47)	2-Chloronaphthalene	13.931	162	113235	40.107	ng		96
48)	2-Nitroaniline	14.119	65	33203	41.205	ng		91
49)	Acenaphthylene	14.771	152	182444	39.770	ng		100
50)	Dimethylphthalate	14.477	163	161339	41.439	ng		99
51)	2,6-Dinitrotoluene	14.601	165	30200	40.282	ng		90
52)	Acenaphthene	15.106	154	125613	44.391	ng		100
53)	3-Nitroaniline	14.930	138	24127	31.924	ng		98
54)	2,4-Dinitrophenol	15.129	184	40556	90.164	ng	#	61
55)	Dibenzofuran	15.435	168	190209	39.788	ng		99
56)	4-Nitrophenol	15.206	139	53624	92.608	ng		85
57)	2,4-Dinitrotoluene	15.382	165	42816	45.091	ng		93
58)	Fluorene	16.081	166	153284	40.553	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.646	232	52025m	46.624	ng		
60)	Diethylphthalate	15.829	149	162332	41.333	ng		98
61)	4-Chlorophenyl-phenyle...	16.064	204	92069	39.871	ng		99
62)	4-Nitroaniline	16.087	138	32720	41.541	ng		92
63)	Azobenzene	16.357	77	158079	40.217	ng		96
65)	4,6-Dinitro-2-methylph...	16.134	198	26204	42.100	ng		98
66)	n-Nitrosodiphenylamine	16.275	169	141370	40.317	ng		99
67)	4-Bromophenyl-phenylether	16.957	248	63365	40.947	ng		95
68)	Hexachlorobenzene	17.080	284	71029	45.051	ng		98
69)	Atrazine	17.203	200	61451	45.640	ng		98
70)	Pentachlorophenol	17.415	266	86263	82.618	ng		93
71)	Phenanthrene	17.820	178	275096	41.951	ng		99
72)	Anthracene	17.908	178	275875	41.115	ng		100
73)	Carbazole	18.167	167	241519	41.755	ng		98
74)	Di-n-butylphthalate	18.702	149	272508	42.099	ng		99
75)	Fluoranthene	19.800	202	349077	40.344	ng		98
77)	Benzidine	19.965	184	124630	44.816	ng		97
78)	Pyrene	20.159	202	353195	40.223	ng		99
80)	Butylbenzylphthalate	21.028	149	113168	42.918	ng		98
81)	Benzo(a)anthracene	22.074	228	352573	40.776	ng		99
82)	3,3'-Dichlorobenzidine	21.968	252	98326	35.049	ng		98
83)	Chrysene	22.145	228	322645	39.915	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.945	149	167165	42.307	ng		99
85)	Di-n-octyl phthalate	23.273	149	284970	43.392	ng		99
87)	Indeno(1,2,3-cd)pyrene	29.724	276	427404	44.553	ng	#	99
88)	Benzo(b)fluoranthene	24.507	252	371379	46.408	ng		98
89)	Benzo(k)fluoranthene	24.577	252	352944	44.850	ng		98
90)	Benzo(a)pyrene	25.470	252	318643	41.424	ng		99
91)	Dibenzo(a,h)anthracene	29.800	278	360706	45.399	ng		99
92)	Benzo(g,h,i)perylene	31.017	276	347024	44.699	ng		97

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

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