Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041223\
Data File : BG057067.D
Acq On : 12 Apr 2023 17:09
Operator : CG/JU
Sample : 02292-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDW-SO-VB3-041123MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023

Quant Time: Apr 13 05:25:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 13 05:15:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.405	152	23176	20.000	ng		0.00
21) Naphthalene-d8	11.248	136	85296	20.000	ng	#	0.00
39) Acenaphthene-d10	15.020	164	59683	20.000	ng		0.00
64) Phenanthrene-d10	17.757	188	145810	20.000	ng		0.00
76) Chrysene-d12	22.081	240	130898	20.000	ng		0.00
86) Perylene-d12	25.617	264	141429	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.920	112	113757	78.556	ng		0.00
7) Phenol-d6	7.542	99	155952	72.006	ng		0.00
23) Nitrobenzene-d5	9.586	82	98958	47.471	ng		0.00
42) 2,4,6-Tribromophenol	16.500	330	75094	78.760	ng		0.00
45) 2-Fluorobiphenyl	13.645	172	220732	50.151	ng		0.00
79) Terphenyl-d14	20.324	244	394148	50.953	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.717	88	17886	28.176	ng		98
3) Pyridine	4.140	79	49025	23.978	ng		97
4) n-Nitrosodimethylamine	4.052	42	25772	27.416	ng		92
6) Aniline	7.718	93	66102	23.874	ng		99
8) 2-Chlorophenol	7.965	128	46971	32.565	ng		92
9) Benzaldehyde	7.524	77	37149	27.347	ng		94
10) Phenol	7.571	94	67319	31.369	ng		99
11) bis(2-Chloroethyl)ether	7.806	93	45490	29.758	ng		98
12) 1,3-Dichlorobenzene	8.294	146	52322	32.829	ng		98
13) 1,4-Dichlorobenzene	8.446	146	52498	32.637	ng		93
14) 1,2-Dichlorobenzene	8.769	146	50251	32.336	ng		95
15) Benzyl Alcohol	8.640	79	50796	28.226	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.928	45	56769	30.814	ng		100
17) 2-Methylphenol	8.840	107	44554	29.100	ng		93
18) Hexachloroethane	9.510	117	19094	32.477	ng		95
19) n-Nitroso-di-n-propyla...	9.210	70	41039	26.492	ng		97
20) 3+4-Methylphenols	9.169	107	60626	28.318	ng		94
22) Acetophenone	9.233	105	76860	30.283	ng	#	96
24) Nitrobenzene	9.627	77	63851	29.959	ng		93
25) Isophorone	10.150	82	109384	27.556	ng		100
26) 2-Nitrophenol	10.344	139	26636	32.379	ng	#	85
27) 2,4-Dimethylphenol	10.385	122	45670	31.443	ng		97
28) bis(2-Chloroethoxy)met...	10.626	93	58259	29.315	ng		96
29) 2,4-Dichlorophenol	10.884	162	48091	30.787	ng		97
30) 1,2,4-Trichlorobenzene	11.102	180	52672	31.736	ng		93
31) Naphthalene	11.301	128	142871	30.730	ng		99
32) Benzoic acid	10.514	122	27936m	28.000	ng		
33) 4-Chloroaniline	11.395	127	43005	20.481	ng		97
34) Hexachlorobutadiene	11.571	225	36879	29.580	ng		94
35) Caprolactam	12.153	113	15180m	28.179	ng		
36) 4-Chloro-3-methylphenol	12.488	107	51588	29.532	ng		98
37) 2-Methylnaphthalene	12.876	142	103634	28.086	ng		98
38) 1-Methylnaphthalene	13.093	142	95443	27.546	ng		99
40) 1,2,4,5-Tetrachloroben...	13.234	216	67035	32.390	ng		99
41) Hexachlorocyclopentadiene	13.210	237	83160	72.927	ng		93
43) 2,4,6-Trichlorophenol	13.463	196	43257	32.753	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Instrument :
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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.539	196	46484	29.710	ng		96
46)	1,1'-Biphenyl	13.857	154	142846	32.696	ng		99
47)	2-Chloronaphthalene	13.910	162	109190	33.792	ng		96
48)	2-Nitroaniline	14.103	65	36833	31.879	ng		92
49)	Acenaphthylene	14.750	152	169469	31.921	ng		96
50)	Dimethylphthalate	14.456	163	143012	30.411	ng	#	99
51)	2,6-Dinitrotoluene	14.585	165	32223	31.714	ng		94
52)	Acenaphthene	15.084	154	133270m	36.397	ng		
53)	3-Nitroaniline	14.914	138	25242	25.099	ng		86
54)	2,4-Dinitrophenol	15.120	184	43935	76.824	ng	#	88
55)	Dibenzofuran	15.413	168	173547	31.580	ng		96
56)	4-Nitrophenol	15.214	139	52581	70.704	ng		87
57)	2,4-Dinitrotoluene	15.366	165	45766	31.937	ng		95
58)	Fluorene	16.060	166	142232	31.277	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.637	232	44355	31.136	ng	#	97
60)	Diethylphthalate	15.801	149	146362	31.046	ng		99
61)	4-Chlorophenyl-phenyle...	16.036	204	82877	31.041	ng		98
62)	4-Nitroaniline	16.071	138	33911	32.545	ng		87
63)	Azobenzene	16.336	77	150577	32.050	ng		96
65)	4,6-Dinitro-2-methylph...	16.130	198	32508	36.812	ng		95
66)	n-Nitrosodiphenylamine	16.253	169	121916	31.147	ng		97
67)	4-Bromophenyl-phenylether	16.935	248	55410	30.713	ng		91
68)	Hexachlorobenzene	17.064	284	59041	33.101	ng		96
69)	Atrazine	17.187	200	55574	34.204	ng		95
70)	Pentachlorophenol	17.405	266	71125	55.583	ng		96
71)	Phenanthrene	17.804	178	233607	31.424	ng		99
72)	Anthracene	17.892	178	238161	31.251	ng		99
73)	Carbazole	18.157	167	212817	32.029	ng		94
74)	Di-n-butylphthalate	18.680	149	244413	31.766	ng		100
75)	Fluoranthene	19.790	202	279693	29.679	ng		100
77)	Benzidine	19.954	184	190516	53.248	ng		99
78)	Pyrene	20.148	202	280834	31.019	ng		97
80)	Butylbenzylphthalate	21.006	149	102901	33.029	ng		96
81)	Benzo(a)anthracene	22.057	228	277227	30.605	ng		99
82)	3,3'-Dichlorobenzidine	21.952	252	66405	21.710	ng	#	98
83)	Chrysene	22.128	228	253094	29.842	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.910	149	147161	32.620	ng		98
85)	Di-n-octyl phthalate	23.220	149	251532	33.086	ng		99
87)	Indeno(1,2,3-cd)pyrene	29.700	276	334476	32.000	ng		99
88)	Benzo(b)fluoranthene	24.478	252	290356	32.831	ng		98
89)	Benzo(k)fluoranthene	24.560	252	281734	31.909	ng		99
90)	Benzo(a)pyrene	25.447	252	254615	29.298	ng		99
91)	Dibenzo(a,h)anthracene	29.770	278	277390	32.286	ng		96
92)	Benzo(g,h,i)perylene	30.986	276	268320	31.894	ng		98

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

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