Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041723\
Data File : BG057120.D
Acq On : 17 Apr 2023 21:13
Operator : CG/JU
Sample : 02357-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P2-S1-230413MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

Quant Time: Apr 18 01:22:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 19:00:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.402	152	14925	20.000	ng		0.00
21) Naphthalene-d8	11.239	136	66228	20.000	ng	#	0.00
39) Acenaphthene-d10	15.016	164	46375	20.000	ng		0.00
64) Phenanthrene-d10	17.754	188	108892	20.000	ng	#	0.00
76) Chrysene-d12	22.071	240	89068	20.000	ng	#	0.00
86) Perylene-d12	25.608	264	98777	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.911	112	78615	84.301	ng		0.00
7) Phenol-d6	7.532	99	165134	118.397	ng		0.00
23) Nitrobenzene-d5	9.576	82	68298	42.197	ng		0.00
42) 2,4,6-Tribromophenol	16.497	330	75527	101.946	ng		0.00
45) 2-Fluorobiphenyl	13.642	172	203277	59.438	ng		0.00
79) Terphenyl-d14	20.321	244	282756	53.719	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.714	88	17429	42.635	ng		96
3) Pyridine	4.131	79	27203	20.660	ng	#	90
4) n-Nitrosodimethylamine	4.043	42	17684	29.212	ng	#	87
6) Aniline	7.708	93	58971	33.073	ng		96
8) 2-Chlorophenol	7.955	128	53248	57.326	ng		91
9) Benzaldehyde	7.520	77	37329	42.671	ng		95
10) Phenol	7.562	94	76935	55.669	ng		94
11) bis(2-Chloroethyl)ether	7.797	93	50371	51.167	ng		97
12) 1,3-Dichlorobenzene	8.284	146	53385	52.014	ng		96
13) 1,4-Dichlorobenzene	8.437	146	53580	51.724	ng		100
14) 1,2-Dichlorobenzene	8.760	146	52006	51.965	ng		96
15) Benzyl Alcohol	8.631	79	56908	49.104	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.919	45	66990	56.464	ng		95
17) 2-Methylphenol	8.836	107	51795	52.531	ng		88
18) Hexachloroethane	9.500	117	13313	35.162	ng		85
19) n-Nitroso-di-n-propyla...	9.200	70	41632	41.731	ng		99
20) 3+4-Methylphenols	9.165	107	74135	53.770	ng		97
22) Acetophenone	9.230	105	73308	37.199	ng	#	92
24) Nitrobenzene	9.623	77	48753	29.461	ng		96
25) Isophorone	10.140	82	98849	32.071	ng		99
26) 2-Nitrophenol	10.340	139	30422	47.629	ng	#	91
27) 2,4-Dimethylphenol	10.381	122	55744	49.429	ng		97
28) bis(2-Chloroethoxy)met...	10.616	93	68802	44.588	ng		96
29) 2,4-Dichlorophenol	10.881	162	55796	46.004	ng		97
30) 1,2,4-Trichlorobenzene	11.098	180	57862	44.900	ng		95
31) Naphthalene	11.292	128	164010	45.434	ng		96
32) Benzoic acid	10.528	122	35352m	45.635	ng		
33) 4-Chloroaniline	11.392	127	34168	20.957	ng		95
34) Hexachlorobutadiene	11.562	225	38230	39.493	ng		94
35) Caprolactam	12.155	113	18912m	45.215	ng		
36) 4-Chloro-3-methylphenol	12.484	107	61227	45.141	ng		99
37) 2-Methylnaphthalene	12.866	142	119801	41.815	ng		96
38) 1-Methylnaphthalene	13.083	142	113344	42.131	ng		99
40) 1,2,4,5-Tetrachloroben...	13.230	216	74947	46.604	ng		98
41) Hexachlorocyclopentadiene	13.201	237	84046	94.854	ng		97
43) 2,4,6-Trichlorophenol	13.459	196	49112	47.857	ng		96

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.536	196	54518	44.844	ng		94
46) 1,1'-Biphenyl	13.847	154	168147	49.531	ng		99
47) 2-Chloronaphthalene	13.900	162	128058	51.004	ng		98
48) 2-Nitroaniline	14.094	65	42886	47.769	ng		97
49) Acenaphthylene	14.740	152	200920	48.705	ng		99
50) Dimethylphthalate	14.452	163	168167	46.022	ng		98
51) 2,6-Dinitrotoluene	14.576	165	36679	46.459	ng		91
52) Acenaphthene	15.075	154	153659m	54.009	ng		
53) 3-Nitroaniline	14.910	138	24027	30.747	ng		99
54) 2,4-Dinitrophenol	15.116	184	45189	101.691	ng		97
55) Dibenzofuran	15.410	168	200360	46.921	ng		98
56) 4-Nitrophenol	15.210	139	61321	106.118	ng	#	84
57) 2,4-Dinitrotoluene	15.363	165	53055	47.648	ng	#	94
58) Fluorene	16.056	166	164620	46.589	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.633	232	50847	45.936	ng	#	96
60) Diethylphthalate	15.797	149	170011	46.411	ng		99
61) 4-Chlorophenyl-phenyle...	16.032	204	93561	45.098	ng		94
62) 4-Nitroaniline	16.068	138	36863	45.530	ng		88
63) Azobenzene	16.326	77	172377	47.218	ng		96
65) 4,6-Dinitro-2-methylph...	16.126	198	34030	51.600	ng		96
66) n-Nitrosodiphenylamine	16.250	169	141266	48.327	ng		99
67) 4-Bromophenyl-phenylether	16.925	248	60572	44.957	ng		93
68) Hexachlorobenzene	17.060	284	66799	50.147	ng		98
69) Atrazine	17.178	200	59636	49.148	ng		97
70) Pentachlorophenol	17.401	266	75367	78.866	ng		97
71) Phenanthrene	17.795	178	273638	49.288	ng		99
72) Anthracene	17.889	178	268853	47.239	ng		99
73) Carbazole	18.153	167	231928	46.740	ng		93
74) Di-n-butylphthalate	18.670	149	280045	48.737	ng		99
75) Fluoranthene	19.780	202	281892	40.054	ng		98
77) Benzidine	19.951	184	107110	43.996	ng		99
78) Pyrene	20.145	202	245301	39.819	ng		98
80) Butylbenzylphthalate	20.996	149	80848	38.138	ng		96
81) Benzo(a)anthracene	22.048	228	308525	50.057	ng		100
82) 3,3'-Dichlorobenzidine	21.942	252	80893	38.867	ng	#	98
83) Chrysene	22.124	228	282147	48.891	ng		99
84) Bis(2-ethylhexyl)phtha...	21.901	149	166120	54.116	ng		96
85) Di-n-octyl phthalate	23.211	149	275933	53.341	ng		100
87) Indeno(1,2,3-cd)pyrene	29.696	276	355609	48.713	ng		99
88) Benzo(b)fluoranthene	24.474	252	311465m	50.425	ng		
89) Benzo(k)fluoranthene	24.550	252	302254	49.015	ng	#	98
90) Benzo(a)pyrene	25.443	252	279824	46.102	ng	#	98
91) Dibenzo(a,h)anthracene	29.755	278	294624	49.099	ng		96
92) Benzo(g,h,i)perylene	30.983	276	284003	48.335	ng	#	97

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

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