Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041223\
Data File : BG057066.D
Acq On : 12 Apr 2023 16:25
Operator : CG/JU
Sample : 02292-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations APPROVED

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

Quant Time: Apr 13 05:24:43 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	8.404	152	16600	20.000	ng		0.00
21) Naphthalene-d8	11.247	136	64592	20.000	ng	#	0.00
39) Acenaphthene-d10	15.019	164	44217	20.000	ng		0.00
64) Phenanthrene-d10	17.756	188	102059	20.000	ng		0.00
76) Chrysene-d12	22.080	240	86090	20.000	ng		0.00
86) Perylene-d12	25.610	264	96334	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.919	112	137327	132.400	ng		0.00
7) Phenol-d6	7.546	99	189385	122.083	ng		0.01
23) Nitrobenzene-d5	9.585	82	119736	75.850	ng		0.00
42) 2,4,6-Tribromophenol	16.505	330	87095	123.297	ng		0.00
45) 2-Fluorobiphenyl	13.644	172	256858	78.771	ng		0.00
79) Terphenyl-d14	20.329	244	423065	83.156	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.728	88	21726	47.783	ng		99
3) Pyridine	4.145	79	57792	39.463	ng		98
4) n-Nitrosodimethylamine	4.057	42	31187	46.319	ng		98
6) Aniline	7.723	93	82030	41.363	ng		98
8) 2-Chlorophenol	7.964	128	57524	55.680	ng		91
9) Benzaldehyde	7.529	77	44132	45.357	ng		91
10) Phenol	7.570	94	81585	53.077	ng		95
11) bis(2-Chloroethyl)ether	7.805	93	54387	49.672	ng		99
12) 1,3-Dichlorobenzene	8.298	146	60851	53.306	ng		98
13) 1,4-Dichlorobenzene	8.445	146	62674	54.398	ng		97
14) 1,2-Dichlorobenzene	8.768	146	59770	53.697	ng		96
15) Benzyl Alcohol	8.639	79	60222	46.721	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.921	45	67842	51.412	ng		97
17) 2-Methylphenol	8.839	107	53933	49.180	ng		93
18) Hexachloroethane	9.508	117	22820	54.191	ng		91
19) n-Nitroso-di-n-propyla...	9.209	70	48603	43.803	ng		99
20) 3+4-Methylphenols	9.168	107	71976	46.937	ng		97
22) Acetophenone	9.238	105	90550	47.112	ng	#	95
24) Nitrobenzene	9.626	77	75377	46.704	ng		96
25) Isophorone	10.149	82	128203	42.649	ng		98
26) 2-Nitrophenol	10.343	139	31550	50.646	ng		94
27) 2,4-Dimethylphenol	10.390	122	55491	50.451	ng		99
28) bis(2-Chloroethoxy)met...	10.625	93	70418	46.791	ng		98
29) 2,4-Dichlorophenol	10.883	162	55016	46.510	ng		92
30) 1,2,4-Trichlorobenzene	11.106	180	62455	49.692	ng		96
31) Naphthalene	11.300	128	169390	48.113	ng		97
32) Benzoic acid	10.531	122	33731m	44.645	ng		
33) 4-Chloroaniline	11.394	127	46489	29.237	ng		96
34) Hexachlorobutadiene	11.576	225	44401	47.029	ng		97
35) Caprolactam	12.164	113	17521m	42.950	ng		
36) 4-Chloro-3-methylphenol	12.487	107	59200	44.752	ng		97
37) 2-Methylnaphthalene	12.875	142	118589	42.440	ng		96
38) 1-Methylnaphthalene	13.092	142	112093	42.722	ng		100
40) 1,2,4,5-Tetrachloroben...	13.233	216	76960	50.192	ng		97
41) Hexachlorocyclopentadiene	13.209	237	103472	122.478	ng		97
43) 2,4,6-Trichlorophenol	13.462	196	49867	50.964	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.538	196	54300	46.845	ng		97
46) 1,1'-Biphenyl	13.856	154	164008	50.670	ng		100
47) 2-Chloronaphthalene	13.908	162	126970	53.038	ng		99
48) 2-Nitroaniline	14.102	65	41088	48.000	ng		95
49) Acenaphthylene	14.748	152	198050	50.352	ng		99
50) Dimethylphthalate	14.455	163	161465	46.345	ng	#	98
51) 2,6-Dinitrotoluene	14.584	165	36996	49.148	ng		92
52) Acenaphthene	15.083	154	153039m	56.416	ng		
53) 3-Nitroaniline	14.919	138	27186	36.487	ng		92
54) 2,4-Dinitrophenol	15.124	184	48228	113.827	ng		89
55) Dibenzofuran	15.412	168	196267	48.206	ng		97
56) 4-Nitrophenol	15.213	139	56635	102.792	ng		91
57) 2,4-Dinitrotoluene	15.365	165	51044	48.079	ng		95
58) Fluorene	16.058	166	160701	47.699	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.635	232	50263	47.624	ng	#	99
60) Diethylphthalate	15.806	149	164411	47.073	ng		98
61) 4-Chlorophenyl-phenyle...	16.041	204	91474	46.244	ng		98
62) 4-Nitroaniline	16.076	138	36626	47.445	ng		91
63) Azobenzene	16.335	77	171159	49.173	ng		96
65) 4,6-Dinitro-2-methylph...	16.129	198	35620	57.627	ng		97
66) n-Nitrosodiphenylamine	16.252	169	135970	49.629	ng		98
67) 4-Bromophenyl-phenylether	16.934	248	61073	48.363	ng		96
68) Hexachlorobenzene	17.063	284	66133	52.971	ng		98
69) Atrazine	17.186	200	60243	52.972	ng		95
70) Pentachlorophenol	17.404	266	78152	87.255	ng		92
71) Phenanthrene	17.803	178	257622	49.510	ng		97
72) Anthracene	17.891	178	263031	49.310	ng		98
73) Carbazole	18.156	167	229376	49.320	ng		96
74) Di-n-butylphthalate	18.678	149	269411	50.026	ng		99
75) Fluoranthene	19.789	202	303831	46.062	ng		98
77) Benzidine	19.953	184	202368	86.000	ng		98
78) Pyrene	20.147	202	300843	50.524	ng		99
80) Butylbenzylphthalate	21.005	149	111111	54.226	ng		96
81) Benzo(a)anthracene	22.056	228	296858	49.830	ng		99
82) 3,3'-Dichlorobenzidine	21.956	252	66693	33.153	ng		97
83) Chrysene	22.127	228	272922	48.928	ng		99
84) Bis(2-ethylhexyl)phtha...	21.909	149	159042	53.603	ng		96
85) Di-n-octyl phthalate	23.219	149	266847	53.369	ng		100
87) Indeno(1,2,3-cd)pyrene	29.705	276	361231	50.738	ng		100
88) Benzo(b)fluoranthene	24.482	252	308993	51.293	ng		98
89) Benzo(k)fluoranthene	24.559	252	306726	51.002	ng		97
90) Benzo(a)pyrene	25.452	252	271695	45.897	ng		99
91) Dibenzo(a,h)anthracene	29.769	278	297829	50.892	ng		99
92) Benzo(g,h,i)perylene	30.985	276	286008	49.911	ng		98

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

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