Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010323\
Data File : BG056188.D
Acq On : 3 Jan 2023 16:17
Operator : CG/JU
Sample : N6242-04MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 04 02:13:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 04 02:08:15 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MM-4MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/04/2023
Supervised By :Yogesh Patel 01/05/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.337	152	39034	20.000	ng		0.00
21) Naphthalene-d8	11.175	136	149842	20.000	ng		0.00
39) Acenaphthene-d10	14.947	164	115217	20.000	ng		0.00
64) Phenanthrene-d10	17.685	188	285311	20.000	ng		0.00
76) Chrysene-d12	21.986	240	259776	20.000	ng	#	0.00
86) Perylene-d12	25.446	264	282699	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.863	112	428709	196.100	ng		0.02
7) Phenol-d6	7.479	99	594335	177.026	ng		0.01
23) Nitrobenzene-d5	9.518	82	315154	107.584	ng		0.01
42) 2,4,6-Tribromophenol	16.427	330	253823	173.946	ng		0.00
45) 2-Fluorobiphenyl	13.578	172	983466	117.870	ng		0.00
79) Terphenyl-d14	20.258	244	1760776	121.398	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.678	88	52964	53.041	ng		98
3) Pyridine	4.095	79	139516	45.873	ng		96
4) n-Nitrosodimethylamine	4.007	42	33670	54.423	ng		99
6) Aniline	7.655	93	176573	40.105	ng		97
8) 2-Chlorophenol	7.902	128	146237	67.221	ng		94
9) Benzaldehyde	7.461	77	83464	41.810	ng		93
10) Phenol	7.503	94	208709	61.298	ng		97
11) bis(2-Chloroethyl)ether	7.743	93	131098	56.818	ng		95
12) 1,3-Dichlorobenzene	8.231	146	169302	63.944	ng		90
13) 1,4-Dichlorobenzene	8.378	146	169735	63.840	ng		98
14) 1,2-Dichlorobenzene	8.701	146	166722	64.988	ng		98
15) Benzyl Alcohol	8.572	79	136407	55.826	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.866	45	24937	61.159	ng		91
17) 2-Methylphenol	8.772	107	145128	58.089	ng		96
18) Hexachloroethane	9.441	117	52810	65.383	ng		92
19) n-Nitroso-di-n-propyla...	9.142	70	98772	48.381	ng	#	96
20) 3+4-Methylphenols	9.101	107	195500	55.658	ng		95
22) Acetophenone	9.165	105	230824	54.481	ng		98
24) Nitrobenzene	9.559	77	152952	52.687	ng		95
25) Isophorone	10.076	82	294879	47.843	ng	#	94
26) 2-Nitrophenol	10.270	139	88752	59.752	ng		98
27) 2,4-Dimethylphenol	10.317	122	160821	59.363	ng		98
28) bis(2-Chloroethoxy)met...	10.552	93	174671	54.527	ng		99
29) 2,4-Dichlorophenol	10.810	162	180533	60.276	ng		99
30) 1,2,4-Trichlorobenzene	11.028	180	200918	59.114	ng		99
31) Naphthalene	11.222	128	448730	56.902	ng		99
32) Benzoic acid	10.446	122	112543	55.989	ng		97
33) 4-Chloroaniline	11.322	127	99801	26.507	ng		99
34) Hexachlorobutadiene	11.498	225	144727	59.205	ng		92
35) Caprolactam	12.091	113	49892m	49.201	ng		
36) 4-Chloro-3-methylphenol	12.414	107	164946	54.273	ng		99
37) 2-Methylnaphthalene	12.802	142	346674	52.064	ng		98
38) 1-Methylnaphthalene	13.020	142	320546	51.840	ng		96
40) 1,2,4,5-Tetrachloroben...	13.161	216	265532	61.490	ng		99
41) Hexachlorocyclopentadiene	13.137	237	341621	138.759	ng		96
43) 2,4,6-Trichlorophenol	13.390	196	177286	62.087	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.466	196	191699	56.753	ng		99
46)	1,1'-Biphenyl	13.789	154	498169	60.373	ng		98
47)	2-Chloronaphthalene	13.836	162	401851	61.700	ng		98
48)	2-Nitroaniline	14.030	65	78855	56.825	ng		99
49)	Acenaphthylene	14.676	152	606484	57.222	ng		100
50)	Dimethylphthalate	14.389	163	505230	54.320	ng		98
51)	2,6-Dinitrotoluene	14.512	165	113029	57.031	ng		97
52)	Acenaphthene	15.017	154	454434m	65.924	ng		
53)	3-Nitroaniline	14.847	138	78117	41.416	ng		96
54)	2,4-Dinitrophenol	15.047	184	166724	117.757	ng		95
55)	Dibenzofuran	15.346	168	640500	56.149	ng		97
56)	4-Nitrophenol	15.135	139	168136	115.905	ng		98
57)	2,4-Dinitrotoluene	15.293	165	156197	56.354	ng		92
58)	Fluorene	15.993	166	507394	55.302	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.564	232	183391m	57.824	ng		
60)	Diethylphthalate	15.740	149	464788	53.286	ng		99
61)	4-Chlorophenyl-phenyle...	15.969	204	314068	54.852	ng		96
62)	4-Nitroaniline	16.004	138	102683	53.146	ng		95
63)	Azobenzene	16.263	77	357985	53.184	ng		98
65)	4,6-Dinitro-2-methylph...	16.057	198	109626	57.030	ng		94
66)	n-Nitrosodiphenylamine	16.186	169	465919	58.857	ng		96
67)	4-Bromophenyl-phenylether	16.862	248	210693	57.992	ng		96
68)	Hexachlorobenzene	16.991	284	212712	62.753	ng		98
69)	Atrazine	17.121	200	197018	60.053	ng		98
70)	Pentachlorophenol	17.332	266	284093	109.106	ng		100
71)	Phenanthrene	17.732	178	857047	57.964	ng		98
72)	Anthracene	17.820	178	872136	57.180	ng		99
73)	Carbazole	18.084	167	744901	58.101	ng		98
74)	Di-n-butylphthalate	18.613	149	739717	57.879	ng		100
75)	Fluoranthene	19.718	202	1030723	53.442	ng		99
77)	Benzidine	19.882	184	533754	58.631	ng		99
78)	Pyrene	20.076	202	1049542	57.320	ng		99
80)	Butylbenzylphthalate	20.940	149	303033	57.687	ng		98
81)	Benzo(a)anthracene	21.962	228	1042838	57.155	ng		99
82)	3,3'-Dichlorobenzidine	21.862	252	257607	39.221	ng		100
83)	Chrysene	22.038	228	974537	57.020	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.827	149	433164	57.236	ng		100
85)	Di-n-octyl phthalate	23.119	149	734321	57.476	ng		100
87)	Indeno(1,2,3-cd)pyrene	29.430	276	1227204	59.690	ng	#	97
88)	Benzo(b)fluoranthene	24.342	252	1091116	60.747	ng		99
89)	Benzo(k)fluoranthene	24.418	252	1060321	59.282	ng		99
90)	Benzo(a)pyrene	25.282	252	957746	54.669	ng		99
91)	Dibenzo(a,h)anthracene	29.512	278	1040677	60.374	ng		99
92)	Benzo(g,h,i)perylene	30.693	276	988646	59.145	ng		97

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

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