Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052523\
Data File : BG057564.D
Acq On : 25 May 2023 19:12
Operator : CG/JU
Sample : 02908-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 26 03:00:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 02:58:05 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SB10BMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.352	152	20532	20.000	ng		0.00
21) Naphthalene-d8	11.190	136	80274	20.000	ng		0.00
39) Acenaphthene-d10	14.967	164	60448	20.000	ng		0.00
64) Phenanthrene-d10	17.710	188	154075	20.000	ng		0.00
76) Chrysene-d12	22.016	240	135811	20.000	ng		0.00
86) Perylene-d12	25.517	264	144567	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.873	112	128730	107.251	ng		0.00
7) Phenol-d6	7.501	99	190577	104.560	ng		0.00
23) Nitrobenzene-d5	9.533	82	115770	60.530	ng		0.00
42) 2,4,6-Tribromophenol	16.453	330	97284	113.425	ng		0.00
45) 2-Fluorobiphenyl	13.592	172	284954	63.489	ng		0.00
79) Terphenyl-d14	20.277	244	516576	62.072	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.665	88	20246	40.795	ng		99
3) Pyridine	4.088	79	58074	36.412	ng		98
4) n-Nitrosodimethylamine	3.999	42	29683	39.604	ng		81
6) Aniline	7.665	93	64264	27.793	ng		95
8) 2-Chlorophenol	7.918	128	67727	53.400	ng		98
9) Benzaldehyde	7.477	77	45602	48.694	ng		98
10) Phenol	7.530	94	92016	51.788	ng		99
11) bis(2-Chloroethyl)ether	7.747	93	60578	45.215	ng		98
12) 1,3-Dichlorobenzene	8.241	146	70406	50.297	ng		96
13) 1,4-Dichlorobenzene	8.388	146	71260	50.680	ng		98
14) 1,2-Dichlorobenzene	8.711	146	68263	50.290	ng		98
15) Benzyl Alcohol	8.587	79	72067	47.462	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.875	45	75046m	44.441	ng		
17) 2-Methylphenol	8.793	107	62041	48.440	ng		96
18) Hexachloroethane	9.445	117	25484	50.223	ng		96
19) n-Nitroso-di-n-propyla...	9.157	70	56038	40.321	ng		99
20) 3+4-Methylphenols	9.128	107	85795	48.921	ng		95
22) Acetophenone	9.181	105	104644	45.546	ng	#	95
24) Nitrobenzene	9.574	77	84014	43.520	ng		94
25) Isophorone	10.097	82	154194	41.576	ng		100
26) 2-Nitrophenol	10.291	139	38865	52.597	ng		97
27) 2,4-Dimethylphenol	10.338	122	70194	54.251	ng		97
28) bis(2-Chloroethoxy)met...	10.567	93	83827	45.117	ng		97
29) 2,4-Dichlorophenol	10.837	162	75335	54.896	ng		95
30) 1,2,4-Trichlorobenzene	11.049	180	76935	48.606	ng		99
31) Naphthalene	11.243	128	202029	47.076	ng		99
32) Benzoic acid	10.491	122	38524	51.276	ng		96
33) 4-Chloroaniline	11.348	127	54421	28.238	ng		96
34) Hexachlorobutadiene	11.507	225	53385	45.454	ng		98
35) Caprolactam	12.130	113	26068m	55.609	ng		
36) 4-Chloro-3-methylphenol	12.447	107	82931	53.177	ng		98
37) 2-Methylnaphthalene	12.817	142	153710	45.555	ng		94
38) 1-Methylnaphthalene	13.034	142	144254	45.358	ng		99
40) 1,2,4,5-Tetrachloroben...	13.181	216	105626	49.221	ng		98
41) Hexachlorocyclopentadiene	13.152	237	72660	71.194	ng		98
43) 2,4,6-Trichlorophenol	13.416	196	71035	54.333	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.498	196	77663	50.500	ng		99
46) 1,1'-Biphenyl	13.804	154	219851	49.014	ng		99
47) 2-Chloronaphthalene	13.857	162	167694	50.275	ng		100
48) 2-Nitroaniline	14.056	65	56840	50.118	ng		92
49) Acenaphthylene	14.697	152	270178	49.858	ng		100
50) Dimethylphthalate	14.409	163	228658	46.032	ng		99
51) 2,6-Dinitrotoluene	14.538	165	52022	51.293	ng		87
52) Acenaphthene	15.032	154	164181	48.486	ng		100
53) 3-Nitroaniline	14.879	138	31588	31.089	ng		91
54) 2,4-Dinitrophenol	15.090	184	58562	92.426	ng		97
55) Dibenzofuran	15.366	168	273184	48.016	ng		97
56) 4-Nitrophenol	15.190	139	75209	111.294	ng		91
57) 2,4-Dinitrotoluene	15.331	165	75674	52.208	ng		93
58) Fluorene	16.013	166	230182	49.118	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.590	232	73198	52.499	ng		98
60) Diethylphthalate	15.748	149	232283	46.046	ng		99
61) 4-Chlorophenyl-phenyle...	15.989	204	131575	46.605	ng		97
62) 4-Nitroaniline	16.036	138	52172	50.899	ng		88
63) Azobenzene	16.283	77	242948	49.915	ng		95
65) 4,6-Dinitro-2-methylph...	16.095	198	50483	54.880	ng		99
66) n-Nitrosodiphenylamine	16.201	169	199662	47.713	ng		98
67) 4-Bromophenyl-phenylether	16.882	248	88411	47.005	ng		99
68) Hexachlorobenzene	17.017	284	95150	52.058	ng		95
69) Atrazine	17.140	200	89562	56.105	ng		96
70) Pentachlorophenol	17.364	266	97453	92.515	ng		97
71) Phenanthrene	17.751	178	381644	48.340	ng		99
72) Anthracene	17.845	178	389719	48.107	ng		98
73) Carbazole	18.110	167	342460	50.214	ng		98
74) Di-n-butylphthalate	18.621	149	386529	49.260	ng	#	97
75) Fluoranthene	19.743	202	456279	46.467	ng		99
77) Benzidine	19.907	184	151793	49.994	ng		100
78) Pyrene	20.101	202	463079	46.923	ng		99
80) Butylbenzylphthalate	20.947	149	167378	53.453	ng		97
81) Benzo(a)anthracene	21.999	228	460195	47.560	ng		99
82) 3,3'-Dichlorobenzidine	21.893	252	103510	33.398	ng		99
83) Chrysene	22.069	228	415430	45.631	ng		99
84) Bis(2-ethylhexyl)phtha...	21.834	149	236316	51.007	ng		99
85) Di-n-octyl phthalate	23.127	149	394752	51.109	ng		98
87) Indeno(1,2,3-cd)pyrene	29.588	276	506920	48.112	ng		100
88) Benzo(b)fluoranthene	24.395	252	459198	48.591	ng		98
89) Benzo(k)fluoranthene	24.472	252	440909	45.913	ng		99
90) Benzo(a)pyrene	25.359	252	403104	43.661	ng		96
91) Dibenzo(a,h)anthracene	29.629	278	425298	48.470	ng		98
92) Benzo(g,h,i)perylene	30.851	276	406095	47.399	ng		99

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

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