Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
Data File : BG057713.D
Acq On : 14 Jun 2023 18:42
Operator : CG/JU
Sample : 03167-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4-GAMS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 15 01:22:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 03:52:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.941	152	37438	20.000	ng		0.00
21) Naphthalene-d8	10.743	136	153192	20.000	ng		0.00
39) Acenaphthene-d10	14.574	164	99895	20.000	ng		0.00
64) Phenanthrene-d10	17.318	188	229147	20.000	ng		0.00
76) Chrysene-d12	21.572	240	189941	20.000	ng		0.00
86) Perylene-d12	24.739	264	237520	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.514	112	206752	89.923	ng		0.00
7) Phenol-d6	7.100	99	286072	80.991	ng		0.00
23) Nitrobenzene-d5	9.098	82	151598	65.461	ng		0.00
42) 2,4,6-Tribromophenol	16.055	330	104727	93.969	ng		0.00
45) 2-Fluorobiphenyl	13.193	172	353503	52.749	ng		0.00
79) Terphenyl-d14	19.932	244	560401	54.549	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.422	88	43688	37.322	ng		92
3) Pyridine	3.816	79	115079	34.729	ng		89
4) n-Nitrosodimethylamine	3.734	42	66080	40.887	ng	#	85
6) Aniline	7.265	93	164355	35.465	ng		99
8) 2-Chlorophenol	7.506	128	109938	49.871	ng		94
9) Benzaldehyde	7.077	77	68774	31.589	ng		95
10) Phenol	7.124	94	155640	45.094	ng		99
11) bis(2-Chloroethyl)ether	7.359	93	112308	41.516	ng		96
12) 1,3-Dichlorobenzene	7.829	146	114242	44.800	ng		96
13) 1,4-Dichlorobenzene	7.976	146	115307	45.607	ng		98
14) 1,2-Dichlorobenzene	8.293	146	112180	45.665	ng		98
15) Benzyl Alcohol	8.176	79	113404	41.921	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.464	45	224640m	38.137	ng		
17) 2-Methylphenol	8.375	107	103909	40.912	ng		94
18) Hexachloroethane	9.022	117	40889	52.333	ng		97
19) n-Nitroso-di-n-propyla...	8.746	70	93176	36.483	ng		96
20) 3+4-Methylphenols	8.704	107	142923	41.156	ng		99
22) Acetophenone	8.757	105	183249	41.176	ng	#	96
24) Nitrobenzene	9.139	77	123916	45.200	ng		98
25) Isophorone	9.662	82	266364	37.514	ng		99
26) 2-Nitrophenol	9.850	139	42969	57.743	ng		88
27) 2,4-Dimethylphenol	9.909	122	106352	44.856	ng		99
28) bis(2-Chloroethoxy)met...	10.150	93	149525	40.509	ng		97
29) 2,4-Dichlorophenol	10.385	162	103151	51.287	ng		96
30) 1,2,4-Trichlorobenzene	10.602	180	113765	43.519	ng		99
31) Naphthalene	10.790	128	336565	40.879	ng		98
32) Benzoic acid	10.038	122	70920	76.543	ng		92
33) 4-Chloroaniline	10.896	127	106816	27.866	ng		97
34) Hexachlorobutadiene	11.078	225	70295	42.761	ng		99
35) Caprolactam	11.672	113	37384m	45.058	ng		
36) 4-Chloro-3-methylphenol	12.018	107	125594	44.078	ng		99
37) 2-Methylnaphthalene	12.400	142	226989	37.266	ng		99
38) 1-Methylnaphthalene	12.618	142	211963	37.094	ng		97
40) 1,2,4,5-Tetrachloroben...	12.764	216	122996	43.495	ng		99
41) Hexachlorocyclopentadiene	12.747	237	150081	139.151	ng		96
43) 2,4,6-Trichlorophenol	12.999	196	88765	48.467	ng		98

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44) 2,4,5-Trichlorophenol	13.070	196	98146	45.532	ng		98
46) 1,1'-Biphenyl	13.405	154	298299	43.219	ng		99
47) 2-Chloronaphthalene	13.452	162	228470	43.797	ng		97
48) 2-Nitroaniline	13.646	65	75700	52.164	ng		97
49) Acenaphthylene	14.292	152	374194	41.362	ng		98
50) Dimethylphthalate	14.028	163	304601	41.587	ng		99
51) 2,6-Dinitrotoluene	14.145	165	57229	51.973	ng		89
52) Acenaphthene	14.639	154	246343m	45.427	ng		
53) 3-Nitroaniline	14.474	138	49238	41.044	ng	#	95
54) 2,4-Dinitrophenol	14.674	184	50409	99.132	ng		95
55) Dibenzofuran	14.968	168	362853	39.863	ng		99
56) 4-Nitrophenol	14.774	139	107514	90.189	ng		97
57) 2,4-Dinitrotoluene	14.932	165	79348	54.472	ng		91
58) Fluorene	15.620	166	285203	39.332	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.191	232	83665	46.507	ng		99
60) Diethylphthalate	15.391	149	312835	41.376	ng		98
61) 4-Chlorophenyl-phenyle...	15.614	204	150392	38.714	ng		99
62) 4-Nitroaniline	15.637	138	64320	46.441	ng		92
63) Azobenzene	15.908	77	331633	40.793	ng		98
65) 4,6-Dinitro-2-methylph...	15.690	198	37737	62.794	ng		95
66) n-Nitrosodiphenylamine	15.826	169	254253	42.445	ng		98
67) 4-Bromophenyl-phenylether	16.507	248	99759	42.755	ng		99
68) Hexachlorobenzene	16.619	284	107210	43.967	ng		96
69) Atrazine	16.777	200	104944	52.657	ng		97
70) Pentachlorophenol	16.959	266	140047	95.666	ng		95
71) Phenanthrene	17.359	178	463542	41.455	ng		99
72) Anthracene	17.447	178	470526	41.538	ng		99
73) Carbazole	17.717	167	450072	42.902	ng		98
74) Di-n-butylphthalate	18.281	149	556521	47.861	ng		99
75) Fluoranthene	19.368	202	554424	41.159	ng		100
77) Benzidine	19.551	184	274880	60.707	ng		98
78) Pyrene	19.733	202	571968	42.323	ng		100
80) Butylbenzylphthalate	20.626	149	240771	48.869	ng		96
81) Benzo(a)anthracene	21.554	228	544739	41.528	ng		99
82) 3,3'-Dichlorobenzidine	21.472	252	146901	34.382	ng		99
83) Chrysene	21.619	228	510139	40.865	ng		99
84) Bis(2-ethylhexyl)phtha...	21.472	149	343057	51.525	ng		98
85) Di-n-octyl phthalate	22.670	149	619493	53.960	ng		98
87) Indeno(1,2,3-cd)pyrene	28.346	276	668624	43.506	ng		98
88) Benzo(b)fluoranthene	23.734	252	579838	45.000	ng		97
89) Benzo(k)fluoranthene	23.804	252	552960	41.378	ng		98
90) Benzo(a)pyrene	24.592	252	514821	40.636	ng	#	98
91) Dibenzo(a,h)anthracene	28.417	278	546817	43.056	ng		98
92) Benzo(g,h,i)perylene	29.486	276	551504	43.508	ng		98

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

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