Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051723\
Data File : BG057452.D
Acq On : 17 May 2023 20:11
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

Quant Time: May 18 02:00:23 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 12 22:04:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.362	152	23249	20.000	ng		0.00
21) Naphthalene-d8	11.199	136	91626	20.000	ng	#	0.00
39) Acenaphthene-d10	14.976	164	71269	20.000	ng		0.00
64) Phenanthrene-d10	17.714	188	172999	20.000	ng	#	0.00
76) Chrysene-d12	22.032	240	158650	20.000	ng		0.00
86) Perylene-d12	25.533	264	170601	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.877	112	105079	77.315	ng		0.00
7) Phenol-d6	7.504	99	162464	78.719	ng		0.00
23) Nitrobenzene-d5	9.543	82	166061	76.067	ng		0.00
42) 2,4,6-Tribromophenol	16.463	330	86594	85.632	ng		0.00
45) 2-Fluorobiphenyl	13.602	172	426872	80.668	ng		0.00
79) Terphenyl-d14	20.287	244	754163	77.575	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.674	88	20658	36.761	ng		95
3) Pyridine	4.103	79	66729	36.950	ng		96
4) n-Nitrosodimethylamine	4.009	42	30071	35.433	ng	#	86
6) Aniline	7.675	93	100437	38.361	ng		98
8) 2-Chlorophenol	7.921	128	57202	39.831	ng		99
9) Benzaldehyde	7.487	77	40333	36.184	ng		94
10) Phenol	7.528	94	78038	38.788	ng		99
11) bis(2-Chloroethyl)ether	7.763	93	56955	37.542	ng		99
12) 1,3-Dichlorobenzene	8.250	146	62371	39.350	ng		94
13) 1,4-Dichlorobenzene	8.397	146	63145	39.661	ng		96
14) 1,2-Dichlorobenzene	8.726	146	61164	39.794	ng		95
15) Benzyl Alcohol	8.597	79	65135	37.884	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.879	45	67657	35.383	ng		97
17) 2-Methylphenol	8.797	107	57492	39.642	ng		98
18) Hexachloroethane	9.460	117	22184	38.610	ng		98
19) n-Nitroso-di-n-propyla...	9.167	70	57206	36.351	ng		98
20) 3+4-Methylphenols	9.131	107	80032	40.301	ng		98
22) Acetophenone	9.190	105	101471	38.693	ng		96
24) Nitrobenzene	9.584	77	83742	38.005	ng		98
25) Isophorone	10.107	82	154190	36.424	ng		96
26) 2-Nitrophenol	10.300	139	36161	42.874	ng		98
27) 2,4-Dimethylphenol	10.342	122	60916	41.247	ng		96
28) bis(2-Chloroethoxy)met...	10.577	93	80429	37.925	ng		98
29) 2,4-Dichlorophenol	10.841	162	65869	42.052	ng		92
30) 1,2,4-Trichlorobenzene	11.052	180	73063	40.440	ng		98
31) Naphthalene	11.252	128	197513	40.322	ng		97
32) Benzoic acid	10.500	122	31809m	38.398	ng		
33) 4-Chloroaniline	11.352	127	88225	40.106	ng		96
34) Hexachlorobutadiene	11.516	225	54399	40.579	ng		96
35) Caprolactam	12.127	113	21159	39.545	ng		99
36) 4-Chloro-3-methylphenol	12.451	107	74274	41.725	ng		99
37) 2-Methylnaphthalene	12.826	142	159039	41.294	ng		92
38) 1-Methylnaphthalene	13.044	142	148577	40.929	ng		98
40) 1,2,4,5-Tetrachloroben...	13.191	216	104909	41.464	ng		99
41) Hexachlorocyclopentadiene	13.161	237	49501	43.795	ng		98
43) 2,4,6-Trichlorophenol	13.420	196	65677	42.608	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.502	196	73676	40.634	ng	98
46) 1,1'-Biphenyl	13.813	154	216441	40.927	ng	98
47) 2-Chloronaphthalene	13.866	162	159432	40.541	ng	99
48) 2-Nitroaniline	14.060	65	52508	39.268	ng	97
49) Acenaphthylene	14.706	152	257452	40.296	ng	99
50) Dimethylphthalate	14.413	163	219874	37.543	ng	99
51) 2,6-Dinitrotoluene	14.542	165	49356	41.276	ng	89
52) Acenaphthene	15.041	154	156814	39.279	ng	98
53) 3-Nitroaniline	14.883	138	47743	39.854	ng	85
54) 2,4-Dinitrophenol	15.094	184	24926	36.508	ng	98
55) Dibenzofuran	15.370	168	266308	39.701	ng	99
56) 4-Nitrophenol	15.182	139	31465	39.492	ng	94
57) 2,4-Dinitrotoluene	15.335	165	69477	40.655	ng	90
58) Fluorene	16.016	166	217553	39.374	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.593	232	66932	40.716	ng	99
60) Diethylphthalate	15.758	149	220413	37.059	ng	98
61) 4-Chlorophenyl-phenyle...	15.993	204	129371	38.867	ng	94
62) 4-Nitroaniline	16.040	138	48826	40.402	ng	97
63) Azobenzene	16.286	77	206775	36.033	ng	98
65) 4,6-Dinitro-2-methylph...	16.099	198	44587	43.168	ng	97
66) n-Nitrosodiphenylamine	16.210	169	191572	40.772	ng	98
67) 4-Bromophenyl-phenylether	16.892	248	87245	41.312	ng	96
68) Hexachlorobenzene	17.021	284	86620	42.207	ng	98
69) Atrazine	17.144	200	74513	41.572	ng	98
70) Pentachlorophenol	17.367	266	45005	38.051	ng	97
71) Phenanthrene	17.761	178	357018	40.274	ng	99
72) Anthracene	17.849	178	367743	40.429	ng	98
73) Carbazole	18.113	167	305220	39.858	ng	98
74) Di-n-butylphthalate	18.630	149	357951	40.628	ng	99
75) Fluoranthene	19.747	202	446373	40.486	ng	98
77) Benzidine	19.911	184	137789	38.848	ng	99
78) Pyrene	20.111	202	446666	38.745	ng	99
80) Butylbenzylphthalate	20.962	149	158759	43.402	ng	96
81) Benzo(a)anthracene	22.008	228	454347	40.196	ng	99
82) 3,3'-Dichlorobenzidine	21.902	252	149372	41.257	ng	98
83) Chrysene	22.079	228	423315	39.804	ng	99
84) Bis(2-ethylhexyl)phtha...	21.850	149	228912	42.296	ng	99
85) Di-n-octyl phthalate	23.142	149	382645	42.409	ng	97
87) Indeno(1,2,3-cd)pyrene	29.586	276	501785	40.357	ng	100
88) Benzo(b)fluoranthene	24.411	252	446901	40.073	ng	99
89) Benzo(k)fluoranthene	24.481	252	434625	38.352	ng	100
90) Benzo(a)pyrene	25.368	252	433235	39.764	ng	96
91) Dibenzo(a,h)anthracene	29.645	278	419110	40.476	ng	99
92) Benzo(g,h,i)perylene	30.861	276	410612	40.612	ng	99

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

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