Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042423\
Data File : BG057167.D
Acq On : 25 Apr 2023 1:33
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

Quant Time: Apr 25 05:21:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 25 04:59:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.383	152	21204	20.000	ng		0.00
21) Naphthalene-d8	11.227	136	87441	20.000	ng		0.00
39) Acenaphthene-d10	14.998	164	64790	20.000	ng		0.00
64) Phenanthrene-d10	17.741	188	157680	20.000	ng		0.00
76) Chrysene-d12	22.053	240	138729	20.000	ng		0.00
86) Perylene-d12	25.578	264	147638	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.899	112	102037	87.205	ng		0.00
7) Phenol-d6	7.520	99	157454	93.005	ng		0.00
23) Nitrobenzene-d5	9.564	82	166937	94.381	ng		0.00
42) 2,4,6-Tribromophenol	16.484	330	68717	80.385	ng		0.00
45) 2-Fluorobiphenyl	13.623	172	387364	80.350	ng		0.00
79) Terphenyl-d14	20.308	244	670616	84.552	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.702	88	22724	43.340	ng		95
3) Pyridine	4.124	79	73965	46.494	ng		93
4) n-Nitrosodimethylamine	4.036	42	32173	56.064	ng		87
6) Aniline	7.696	93	100516	45.464	ng		94
8) 2-Chlorophenol	7.943	128	52691	42.987	ng		97
9) Benzaldehyde	7.508	77	44592	43.975	ng		93
10) Phenol	7.549	94	77172	45.908	ng		97
11) bis(2-Chloroethyl)ether	7.784	93	58556	44.390	ng		92
12) 1,3-Dichlorobenzene	8.272	146	58559	40.328	ng		93
13) 1,4-Dichlorobenzene	8.425	146	59833	40.887	ng		97
14) 1,2-Dichlorobenzene	8.748	146	57393	40.620	ng		98
15) Benzyl Alcohol	8.618	79	64483	51.691	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.906	45	75873m	44.175	ng		
17) 2-Methylphenol	8.818	107	56744	46.129	ng		96
18) Hexachloroethane	9.488	117	20872	42.043	ng		94
19) n-Nitroso-di-n-propyla...	9.188	70	57817	54.907	ng		91
20) 3+4-Methylphenols	9.147	107	76720	45.573	ng		96
22) Acetophenone	9.212	105	101396	42.746	ng	#	94
24) Nitrobenzene	9.605	77	84655	47.670	ng		94
25) Isophorone	10.128	82	159427	46.992	ng		99
26) 2-Nitrophenol	10.322	139	30651	46.199	ng	#	84
27) 2,4-Dimethylphenol	10.363	122	56816	44.556	ng		97
28) bis(2-Chloroethoxy)met...	10.604	93	79581	44.747	ng		97
29) 2,4-Dichlorophenol	10.862	162	60667	42.708	ng		98
30) 1,2,4-Trichlorobenzene	11.080	180	66476	38.270	ng		93
31) Naphthalene	11.274	128	188257	40.534	ng		99
32) Benzoic acid	10.504	122	27541	46.290	ng		97
33) 4-Chloroaniline	11.373	127	84903	41.578	ng		98
34) Hexachlorobutadiene	11.550	225	48192	37.625	ng		100
35) Caprolactam	12.143	113	19209	48.836	ng		94
36) 4-Chloro-3-methylphenol	12.466	107	68050	44.532	ng		98
37) 2-Methylnaphthalene	12.854	142	148819	40.719	ng		95
38) 1-Methylnaphthalene	13.071	142	138760	41.123	ng		98
40) 1,2,4,5-Tetrachloroben...	13.212	216	93311	39.360	ng		99
41) Hexachlorocyclopentadiene	13.189	237	39132	41.035	ng		93
43) 2,4,6-Trichlorophenol	13.441	196	57142	44.522	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.518	196	65252	42.112	ng		95
46) 1,1'-Biphenyl	13.835	154	200139	41.442	ng		98
47) 2-Chloronaphthalene	13.888	162	148290	40.684	ng		99
48) 2-Nitroaniline	14.082	65	46011	50.274	ng		88
49) Acenaphthylene	14.728	152	242079	41.838	ng		98
50) Dimethylphthalate	14.434	163	203436	44.740	ng		99
51) 2,6-Dinitrotoluene	14.563	165	43316	45.637	ng		94
52) Acenaphthene	15.063	154	160156m	42.365	ng		
53) 3-Nitroaniline	14.898	138	41806	44.356	ng		98
54) 2,4-Dinitrophenol	15.104	184	21444	43.101	ng	#	86
55) Dibenzofuran	15.397	168	249071	40.662	ng		99
56) 4-Nitrophenol	15.192	139	30147	45.443	ng		88
57) 2,4-Dinitrotoluene	15.350	165	60567	46.858	ng		97
58) Fluorene	16.038	166	201432	40.845	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.615	232	55398	41.739	ng		98
60) Diethylphthalate	15.779	149	200659	45.780	ng		99
61) 4-Chlorophenyl-phenyle...	16.020	204	120658	40.764	ng		98
62) 4-Nitroaniline	16.055	138	43778	46.128	ng		87
63) Azobenzene	16.314	77	215090	46.130	ng		98
65) 4,6-Dinitro-2-methylph...	16.114	198	35759	44.132	ng		94
66) n-Nitrosodiphenylamine	16.232	169	174521	42.418	ng		98
67) 4-Bromophenyl-phenylether	16.913	248	76257	40.215	ng		99
68) Hexachlorobenzene	17.042	284	75169	38.648	ng		95
69) Atrazine	17.166	200	62369	47.461	ng		96
70) Pentachlorophenol	17.383	266	42365	46.349	ng		97
71) Phenanthrene	17.782	178	329536	40.938	ng		99
72) Anthracene	17.871	178	337542	41.471	ng		99
73) Carbazole	18.135	167	285822	41.602	ng		100
74) Di-n-butylphthalate	18.658	149	294800	46.128	ng		99
75) Fluoranthene	19.768	202	407593	40.756	ng		99
77) Benzidine	19.933	184	103898	49.701	ng		98
78) Pyrene	20.132	202	410286	43.560	ng		100
80) Butylbenzylphthalate	20.984	149	115233	47.038	ng		95
81) Benzo(a)anthracene	22.030	228	403374	42.290	ng		99
82) 3,3'-Dichlorobenzidine	21.930	252	117974	47.256	ng		99
83) Chrysene	22.106	228	379466	41.253	ng		99
84) Bis(2-ethylhexyl)phtha...	21.883	149	169644	43.967	ng		100
85) Di-n-octyl phthalate	23.187	149	290099	46.625	ng		98
87) Indeno(1,2,3-cd)pyrene	29.649	276	438661	41.479	ng		97
88) Benzo(b)fluoranthene	24.444	252	386298	41.741	ng		98
89) Benzo(k)fluoranthene	24.520	252	399399	41.722	ng		98
90) Benzo(a)pyrene	25.407	252	378655	41.540	ng		99
91) Dibenzo(a,h)anthracene	29.702	278	363998	41.452	ng		96
92) Benzo(g,h,i)perylene	30.924	276	354523	40.805	ng		97

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

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