Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
Data File : BG056403.D
Acq On : 24 Jan 2023 14:59
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 25 05:25:21 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 25 04:54:56 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.294	152	39529	20.000	ng		0.00
21) Naphthalene-d8	11.126	136	145808	20.000	ng		0.00
39) Acenaphthene-d10	14.910	164	117421	20.000	ng		0.00
64) Phenanthrene-d10	17.648	188	289164	20.000	ng		0.00
76) Chrysene-d12	21.943	240	265057	20.000	ng	#	0.00
86) Perylene-d12	25.369	264	286788	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.815	112	175323	79.192	ng		0.00
7) Phenol-d6	7.437	99	251784	74.056	ng		0.00
23) Nitrobenzene-d5	9.470	82	211205	74.094	ng		0.00
42) 2,4,6-Tribromophenol	16.391	330	126420	85.010	ng		0.00
45) 2-Fluorobiphenyl	13.535	172	695793	81.827	ng		0.00
79) Terphenyl-d14	20.222	244	1234753	83.435	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.623	88	35415	35.022	ng		94
3) Pyridine	4.046	79	107040	34.754	ng	#	91
4) n-Nitrosodimethylamine	3.958	42	23346	37.263	ng		92
6) Aniline	7.607	93	161727	36.273	ng		99
8) 2-Chlorophenol	7.854	128	92102	41.806	ng		96
9) Benzaldehyde	7.419	77	78932	39.045	ng		97
10) Phenol	7.466	94	128648	37.311	ng		98
11) bis(2-Chloroethyl)ether	7.695	93	86004	36.807	ng		96
12) 1,3-Dichlorobenzene	8.183	146	108022	40.288	ng		96
13) 1,4-Dichlorobenzene	8.330	146	110175	40.920	ng		98
14) 1,2-Dichlorobenzene	8.653	146	104137	40.084	ng		98
15) Benzyl Alcohol	8.529	79	85898	34.714	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.811	45	18964	45.928	ng	#	75
17) 2-Methylphenol	8.729	107	95337	37.682	ng		96
18) Hexachloroethane	9.393	117	33213	40.606	ng		97
19) n-Nitroso-di-n-propyla...	9.099	70	70868	34.278	ng		94
20) 3+4-Methylphenols	9.058	107	130670	36.735	ng		98
22) Acetophenone	9.123	105	157421	38.184	ng		98
24) Nitrobenzene	9.517	77	103462	36.625	ng		93
25) Isophorone	10.034	82	207248	34.556	ng		94
26) 2-Nitrophenol	10.233	139	62665	43.356	ng		93
27) 2,4-Dimethylphenol	10.274	122	101295	38.425	ng		98
28) bis(2-Chloroethoxy)met...	10.509	93	116724	37.446	ng		99
29) 2,4-Dichlorophenol	10.768	162	118658	40.714	ng		98
30) 1,2,4-Trichlorobenzene	10.985	180	130748	39.533	ng		98
31) Naphthalene	11.179	128	318359	41.487	ng		100
32) Benzoic acid	10.421	122	63965m	32.702	ng		
33) 4-Chloroaniline	11.279	127	143415	39.145	ng		99
34) Hexachlorobutadiene	11.450	225	94958	39.920	ng		98
35) Caprolactam	12.055	113	35747	36.227	ng		94
36) 4-Chloro-3-methylphenol	12.384	107	109915	37.167	ng		95
37) 2-Methylnaphthalene	12.760	142	257261	39.705	ng		96
38) 1-Methylnaphthalene	12.977	142	237295	39.438	ng		99
40) 1,2,4,5-Tetrachloroben...	13.124	216	180335	40.977	ng		99
41) Hexachlorocyclopentadiene	13.095	237	103546	41.269	ng		98
43) 2,4,6-Trichlorophenol	13.359	196	116717	40.108	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.430	196	135502	39.362	ng	99
46) 1,1'-Biphenyl	13.747	154	352079	41.868	ng	100
47) 2-Chloronaphthalene	13.800	162	272423	41.042	ng	98
48) 2-Nitroaniline	13.994	65	57769	40.848	ng	92
49) Acenaphthylene	14.640	152	444533	41.155	ng	99
50) Dimethylphthalate	14.352	163	368960	38.924	ng	98
51) 2,6-Dinitrotoluene	14.481	165	80239	39.726	ng	90
52) Acenaphthene	14.975	154	287442m	40.916	ng	
53) 3-Nitroaniline	14.810	138	79596	41.408	ng	93
54) 2,4-Dinitrophenol	15.022	184	51664	35.805	ng	96
55) Dibenzofuran	15.304	168	461026	39.657	ng	96
56) 4-Nitrophenol	15.110	139	55668	37.655	ng	89
57) 2,4-Dinitrotoluene	15.263	165	116548	41.260	ng	88
58) Fluorene	15.956	166	368586	39.419	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.527	232	120363	37.238	ng	95
60) Diethylphthalate	15.697	149	345654	38.884	ng	99
61) 4-Chlorophenyl-phenyle...	15.932	204	225290	38.608	ng	96
62) 4-Nitroaniline	15.968	138	82664	41.982	ng	89
63) Azobenzene	16.226	77	252417	36.796	ng	95
65) 4,6-Dinitro-2-methylph...	16.027	198	80787	41.467	ng	92
66) n-Nitrosodiphenylamine	16.150	169	335682	41.840	ng	97
67) 4-Bromophenyl-phenylether	16.826	248	152740	41.480	ng	98
68) Hexachlorobenzene	16.955	284	147472	42.927	ng	99
69) Atrazine	17.084	200	134191	40.358	ng	98
70) Pentachlorophenol	17.301	266	103292	39.141	ng	97
71) Phenanthrene	17.695	178	612217	40.854	ng	98
72) Anthracene	17.783	178	631023	40.821	ng	99
73) Carbazole	18.048	167	534952	41.169	ng	99
74) Di-n-butylphthalate	18.571	149	562355	43.415	ng	99
75) Fluoranthene	19.681	202	761022	38.933	ng	99
77) Benzidine	19.846	184	377513	40.642	ng	99
78) Pyrene	20.045	202	763603	40.873	ng	100
80) Butylbenzylphthalate	20.897	149	228633	42.657	ng	99
81) Benzo(a)anthracene	21.920	228	756033	40.610	ng	99
82) 3,3'-Dichlorobenzidine	21.820	252	272686	40.689	ng	98
83) Chrysene	21.990	228	711926	40.825	ng	100
84) Bis(2-ethylhexyl)phtha...	21.779	149	325480	42.150	ng	99
85) Di-n-octyl phthalate	23.054	149	542652	41.627	ng	100
87) Indeno(1,2,3-cd)pyrene	29.334	276	867929	41.613	ng	100
88) Benzo(b)fluoranthene	24.276	252	739008	40.557	ng	98
89) Benzo(k)fluoranthene	24.346	252	737207	40.629	ng	99
90) Benzo(a)pyrene	25.210	252	727123	40.913	ng	98
91) Dibenzo(a,h)anthracene	29.387	278	728172	41.642	ng	99
92) Benzo(g,h,i)perylene	30.562	276	689128	40.639	ng	96

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

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