Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
Data File : BG056363.D
Acq On : 20 Jan 2023 11:44
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 22 23:58:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 19 00:31:30 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.307	152	37412	20.000	ng		0.00
21) Naphthalene-d8	11.139	136	143761	20.000	ng		0.00
39) Acenaphthene-d10	14.923	164	115862	20.000	ng		0.00
64) Phenanthrene-d10	17.661	188	283626	20.000	ng		0.00
76) Chrysene-d12	21.956	240	257188	20.000	ng	#	0.00
86) Perylene-d12	25.399	264	278421	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.822	112	168761	80.542	ng		0.00
7) Phenol-d6	7.449	99	242634	75.403	ng		0.00
23) Nitrobenzene-d5	9.482	82	208454	74.170	ng		0.00
42) 2,4,6-Tribromophenol	16.403	330	125755	85.701	ng		0.00
45) 2-Fluorobiphenyl	13.548	172	693628	82.670	ng		0.00
79) Terphenyl-d14	20.234	244	1215035	84.615	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.630	88	34238	35.774	ng	#	96
3) Pyridine	4.053	79	104104	35.714	ng		97
4) n-Nitrosodimethylamine	3.965	42	21795	36.756	ng	#	92
6) Aniline	7.620	93	158905	37.657	ng		98
8) 2-Chlorophenol	7.866	128	87843	42.130	ng		96
9) Benzaldehyde	7.432	77	80404	42.024	ng		95
10) Phenol	7.473	94	122913	37.665	ng		98
11) bis(2-Chloroethyl)ether	7.708	93	85874	38.831	ng		96
12) 1,3-Dichlorobenzene	8.195	146	105107	41.419	ng		96
13) 1,4-Dichlorobenzene	8.342	146	105407	41.364	ng		99
14) 1,2-Dichlorobenzene	8.665	146	102719	41.776	ng		98
15) Benzyl Alcohol	8.542	79	83337	35.585	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.830	45	18119	46.364	ng	#	84
17) 2-Methylphenol	8.742	107	95571	39.912	ng		95
18) Hexachloroethane	9.406	117	32581	42.087	ng		94
19) n-Nitroso-di-n-propyla...	9.112	70	69111	35.320	ng		98
20) 3+4-Methylphenols	9.071	107	130441	38.746	ng		98
22) Acetophenone	9.135	105	152210	37.445	ng		98
24) Nitrobenzene	9.523	77	102134	36.670	ng		94
25) Isophorone	10.046	82	207250	35.048	ng		96
26) 2-Nitrophenol	10.240	139	59561	41.796	ng		98
27) 2,4-Dimethylphenol	10.287	122	102811	39.555	ng		96
28) bis(2-Chloroethoxy)met...	10.522	93	118245	38.474	ng		99
29) 2,4-Dichlorophenol	10.781	162	116079	40.396	ng		98
30) 1,2,4-Trichlorobenzene	10.998	180	129209	39.624	ng		99
31) Naphthalene	11.192	128	312121	41.253	ng		97
32) Benzoic acid	10.422	122	62071	32.186	ng		94
33) 4-Chloroaniline	11.292	127	141656	39.215	ng		96
34) Hexachlorobutadiene	11.462	225	95559	40.745	ng		97
35) Caprolactam	12.061	113	35233	36.215	ng		97
36) 4-Chloro-3-methylphenol	12.390	107	109337	37.498	ng		98
37) 2-Methylnaphthalene	12.772	142	253284	39.648	ng		98
38) 1-Methylnaphthalene	12.990	142	236673	39.895	ng		96
40) 1,2,4,5-Tetrachloroben...	13.131	216	179471	41.329	ng		99
41) Hexachlorocyclopentadiene	13.107	237	94617	38.217	ng		98
43) 2,4,6-Trichlorophenol	13.366	196	115621	40.266	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.442	196	135111	39.777	ng	97
46) 1,1'-Biphenyl	13.759	154	343916	41.447	ng	98
47) 2-Chloronaphthalene	13.812	162	269520	41.151	ng	97
48) 2-Nitroaniline	14.006	65	55480	39.758	ng	91
49) Acenaphthylene	14.647	152	440567	41.336	ng	99
50) Dimethylphthalate	14.359	163	366246	39.158	ng	99
51) 2,6-Dinitrotoluene	14.488	165	80581	40.433	ng	89
52) Acenaphthene	14.987	154	284435m	41.033	ng	
53) 3-Nitroaniline	14.817	138	78870	41.582	ng	90
54) 2,4-Dinitrophenol	15.029	184	53585	37.636	ng	97
55) Dibenzofuran	15.316	168	460951	40.184	ng	97
56) 4-Nitrophenol	15.117	139	57655	39.523	ng	85
57) 2,4-Dinitrotoluene	15.269	165	113204	40.616	ng	91
58) Fluorene	15.963	166	363190	39.364	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.540	232	121944m	38.235	ng	
60) Diethylphthalate	15.710	149	347451	39.612	ng	99
61) 4-Chlorophenyl-phenyle...	15.945	204	228513	39.687	ng	99
62) 4-Nitroaniline	15.980	138	80503	41.435	ng	90
63) Azobenzene	16.233	77	253547	37.458	ng	97
65) 4,6-Dinitro-2-methylph...	16.039	198	82475	43.160	ng	97
66) n-Nitrosodiphenylamine	16.157	169	334965	42.566	ng	96
67) 4-Bromophenyl-phenylether	16.838	248	152966	42.353	ng	98
68) Hexachlorobenzene	16.967	284	147769	43.853	ng	97
69) Atrazine	17.091	200	133959	41.075	ng	96
70) Pentachlorophenol	17.308	266	94871	36.652	ng	99
71) Phenanthrene	17.702	178	605926	41.224	ng	98
72) Anthracene	17.790	178	623391	41.114	ng	99
73) Carbazole	18.054	167	521954	40.953	ng	98
74) Di-n-butylphthalate	18.583	149	551714	43.425	ng	100
75) Fluoranthene	19.694	202	751419	39.192	ng	99
77) Benzidine	19.858	184	325722	36.139	ng	98
78) Pyrene	20.052	202	755725	41.689	ng	100
80) Butylbenzylphthalate	20.910	149	226695	43.589	ng	95
81) Benzo(a)anthracene	21.932	228	733312	40.595	ng	99
82) 3,3'-Dichlorobenzidine	21.838	252	265114	40.770	ng	97
83) Chrysene	22.009	228	698118	41.258	ng	100
84) Bis(2-ethylhexyl)phtha...	21.797	149	316681	42.265	ng	99
85) Di-n-octyl phthalate	23.078	149	532740	42.117	ng	100
87) Indeno(1,2,3-cd)pyrene	29.359	276	846856	41.823	ng	99
88) Benzo(b)fluoranthene	24.300	252	728602	41.188	ng	100
89) Benzo(k)fluoranthene	24.371	252	715861	40.638	ng	100
90) Benzo(a)pyrene	25.240	252	705478	40.888	ng	98
91) Dibenzo(a,h)anthracene	29.429	278	708343	41.725	ng	98
92) Benzo(g,h,i)perylene	30.616	276	688574	41.826	ng	99

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

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