Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031924\
Data File : BG060677.D
Acq On : 19 Mar 2024 11:01
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 19 11:46:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 18 14:26:31 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/20/2024
Supervised By :mohammad ahmed 03/21/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.294	152	90017	20.000	ng	0.00
21) Naphthalene-d8	11.138	136	407590	20.000	ng	0.00
39) Acenaphthene-d10	14.921	164	281398	20.000	ng	0.00
64) Phenanthrene-d10	17.671	188	615482	20.000	ng	0.00
76) Chrysene-d12	21.990	240	565878	20.000	ng	0.00
86) Perylene-d12	25.515	264	659116	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.779	112	528728	92.333	ng	0.00
7) Phenol-d6	7.407	99	633575	76.273	ng	0.00
23) Nitrobenzene-d5	9.493	82	572185	73.060	ng	0.00
42) 2,4,6-Tribromophenol	16.408	330	275433	84.467	ng	0.00
45) 2-Fluorobiphenyl	13.547	172	1529627	73.494	ng	0.00
79) Terphenyl-d14	20.250	244	2357361	75.299	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.623	88	120050	50.085	ng	99
3) Pyridine	4.040	79	346389	48.897	ng	99
4) n-Nitrosodimethylamine	3.970	42	183011	52.664	ng	96
6) Aniline	7.612	93	391576	38.578	ng	99
8) 2-Chlorophenol	7.842	128	236713	37.816	ng	99
9) Benzaldehyde	7.436	77	172866	37.176	ng	97
10) Phenol	7.436	94	314260	37.705	ng	98
11) bis(2-Chloroethyl)ether	7.706	93	249275	37.518	ng	97
12) 1,3-Dichlorobenzene	8.171	146	251257	37.222	ng	98
13) 1,4-Dichlorobenzene	8.329	146	252837	36.950	ng	97
14) 1,2-Dichlorobenzene	8.646	146	250880	36.916	ng	98
15) Benzyl Alcohol	8.535	79	241393	36.757	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.805	45	484093	37.530	ng	99
17) 2-Methylphenol	8.711	107	246365	38.494	ng	98
18) Hexachloroethane	9.375	117	87375	37.380	ng	96
19) n-Nitroso-di-n-propyla...	9.099	70	226618	39.358	ng	98
20) 3+4-Methylphenols	9.046	107	333724	38.662	ng	98
22) Acetophenone	9.134	105	427877	39.155	ng	98
24) Nitrobenzene	9.534	77	299100	38.200	ng	96
25) Isophorone	10.039	82	625059	39.876	ng	97
26) 2-Nitrophenol	10.245	139	98500	31.846	ng	98
27) 2,4-Dimethylphenol	10.268	122	259482	37.401	ng	98
28) bis(2-Chloroethoxy)met...	10.527	93	365740	38.921	ng	99
29) 2,4-Dichlorophenol	10.762	162	244657	39.292	ng	98
30) 1,2,4-Trichlorobenzene	10.979	180	247959	37.505	ng	93
31) Naphthalene	11.191	128	869517	38.194	ng	99
32) Benzoic acid	10.374	122	154158	35.592	ng	95
33) 4-Chloroaniline	11.302	127	380692	39.656	ng	99
34) Hexachlorobutadiene	11.420	225	164033	36.375	ng	98
35) Caprolactam	12.101	113	89312	42.610	ng	95
36) 4-Chloro-3-methylphenol	12.371	107	310913	40.745	ng	99
37) 2-Methylnaphthalene	12.771	142	603304	38.368	ng	98
38) 1-Methylnaphthalene	12.988	142	574487	38.926	ng	100
40) 1,2,4,5-Tetrachloroben...	13.112	216	307901	35.630	ng	100
41) Hexachlorocyclopentadiene	13.071	237	140582	33.081	ng	95
43) 2,4,6-Trichlorophenol	13.353	196	206660	37.243	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.423	196	249049	37.940	ng		97
46) 1,1'-Biphenyl	13.758	154	789821	36.926	ng		99
47) 2-Chloronaphthalene	13.811	162	597967	37.043	ng		97
48) 2-Nitroaniline	14.028	65	190768	35.806	ng		96
49) Acenaphthylene	14.657	152	1003568	38.162	ng		100
50) Dimethylphthalate	14.369	163	818428	38.780	ng		99
51) 2,6-Dinitrotoluene	14.510	165	139776	35.944	ng		97
52) Acenaphthene	14.986	154	600775	38.231	ng		98
53) 3-Nitroaniline	14.845	138	172423	38.509	ng		100
54) 2,4-Dinitrophenol	15.039	184	57787	33.388	ng	#	90
55) Dibenzofuran	15.321	168	971608	38.186	ng		99
56) 4-Nitrophenol	15.109	139	134212	40.170	ng		97
57) 2,4-Dinitrotoluene	15.286	165	187301	38.287	ng		96
58) Fluorene	15.967	166	796303	39.117	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.527	232	215773m	39.417	ng		
60) Diethylphthalate	15.715	149	857770	39.502	ng		100
61) 4-Chlorophenyl-phenyle...	15.950	204	390040	37.826	ng		99
62) 4-Nitroaniline	16.008	138	191103	41.680	ng		97
63) Azobenzene	16.243	77	885362	39.398	ng		98
65) 4,6-Dinitro-2-methylph...	16.032	198	90981	34.246	ng		93
66) n-Nitrosodiphenylamine	16.167	169	726943	37.739	ng		100
67) 4-Bromophenyl-phenylether	16.849	248	262389	39.533	ng		98
68) Hexachlorobenzene	16.937	284	284388	37.268	ng		97
69) Atrazine	17.101	200	252827	39.243	ng		98
70) Pentachlorophenol	17.289	266	196615	39.753	ng		98
71) Phenanthrene	17.712	178	1265564	38.172	ng		100
72) Anthracene	17.806	178	1308830	39.043	ng		99
73) Carbazole	18.082	167	1159497	39.780	ng		99
74) Di-n-butylphthalate	18.588	149	1430483	40.271	ng		99
75) Fluoranthene	19.704	202	1465215	39.952	ng		98
77) Benzidine	19.898	184	681626	49.246	ng		99
78) Pyrene	20.068	202	1513293	38.320	ng		99
80) Butylbenzylphthalate	20.932	149	610383	40.885	ng		99
81) Benzo(a)anthracene	21.966	228	1495648	38.387	ng		100
82) 3,3'-Dichlorobenzidine	21.878	252	536194	40.829	ng	#	96
83) Chrysene	22.037	228	1435305	37.939	ng		98
84) Bis(2-ethylhexyl)phtha...	21.802	149	897942	40.719	ng		99
85) Di-n-octyl phthalate	23.124	149	1536440	42.310	ng		100
87) Indeno(1,2,3-cd)pyrene	29.616	276	1763688	39.229	ng	#	94
88) Benzo(b)fluoranthene	24.375	252	1407929	38.828	ng		100
89) Benzo(k)fluoranthene	24.457	252	1471503	38.628	ng		99
90) Benzo(a)pyrene	25.356	252	1395085	39.243	ng		98
91) Dibenzo(a,h)anthracene	29.704	278	1458136	38.205	ng	#	95
92) Benzo(g,h,i)perylene	30.920	276	1446210	39.136	ng		98

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

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