Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011524\
Data File : BG060329.D
Acq On : 15 Jan 2024 12:05
Operator : MA/JU
Sample : SSTDCCC040
Misc : 8270 SURROGATES
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 15 19:30:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 04:07:12 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2024
Supervised By :mohammad ahmed 01/17/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.931	152	280075	20.000	ng		0.00
21) Naphthalene-d8	10.733	136	1138287	20.000	ng		0.00
39) Acenaphthene-d10	14.564	164	875756	20.000	ng		0.00
64) Phenanthrene-d10	17.314	188	2117383	20.000	ng		0.00
76) Chrysene-d12	21.579	240	1925105	20.000	ng		0.00
86) Perylene-d12	24.740	264	2187539	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	1431912	84.091	ng		0.00
7) Phenol-d6	7.091	99	2214862	87.841	ng		0.00
23) Nitrobenzene-d5	9.094	82	2223054	92.220	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	1118104	86.776	ng		0.00
45) 2-Fluorobiphenyl	13.189	172	4942208	78.461	ng		0.00
79) Terphenyl-d14	19.934	244	6247837	80.101	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.407	88	223095	28.682	ng		99
3) Pyridine	3.800	79	740118	33.725	ng		96
4) n-Nitrosodimethylamine	3.718	42	223293	32.511	ng		98
6) Aniline	7.255	93	1108217	43.972	ng		98
8) 2-Chlorophenol	7.496	128	727497	43.109	ng		93
9) Benzaldehyde	7.067	77	595243	41.127	ng		98
10) Phenol	7.120	94	1100508	43.531	ng		98
11) bis(2-Chloroethyl)ether	7.349	93	855529	41.530	ng		99
12) 1,3-Dichlorobenzene	7.819	146	823018	38.854	ng		96
13) 1,4-Dichlorobenzene	7.966	146	838464	39.014	ng		99
14) 1,2-Dichlorobenzene	8.283	146	831425	37.622	ng		95
15) Benzyl Alcohol	8.166	79	678518	41.571	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.454	45	949683	37.982	ng		99
17) 2-Methylphenol	8.371	107	686308	39.525	ng		96
18) Hexachloroethane	9.012	117	290113	38.501	ng		96
19) n-Nitroso-di-n-propyla...	8.730	70	713157	40.866	ng		98
20) 3+4-Methylphenols	8.700	107	967267	41.315	ng		96
22) Acetophenone	8.747	105	1291258	41.268	ng	#	99
24) Nitrobenzene	9.135	77	1025073	41.020	ng		98
25) Isophorone	9.652	82	1967899	40.650	ng		98
26) 2-Nitrophenol	9.846	139	404291	44.002	ng		97
27) 2,4-Dimethylphenol	9.899	122	495530	40.815	ng		96
28) bis(2-Chloroethoxy)met...	10.140	93	1186463	40.112	ng		99
29) 2,4-Dichlorophenol	10.375	162	818715	41.614	ng		98
30) 1,2,4-Trichlorobenzene	10.592	180	962948	39.342	ng		96
31) Naphthalene	10.780	128	2342858	39.265	ng		99
32) Benzoic acid	10.046	122	405734m	40.001	ng		
33) 4-Chloroaniline	10.892	127	940438	40.905	ng		98
34) Hexachlorobutadiene	11.062	225	607905	38.126	ng		92
35) Caprolactam	11.673	113	294620	46.494	ng		93
36) 4-Chloro-3-methylphenol	12.014	107	852634	42.660	ng		99
37) 2-Methylnaphthalene	12.390	142	1752537	39.602	ng		97
38) 1-Methylnaphthalene	12.608	142	1763900	39.694	ng		99
40) 1,2,4,5-Tetrachloroben...	12.755	216	1167863	37.549	ng		99
41) Hexachlorocyclopentadiene	12.737	237	397653	38.509	ng		96
43) 2,4,6-Trichlorophenol	12.995	196	795669	40.198	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.072	196	909166	41.644	ng		97
46) 1,1'-Biphenyl	13.401	154	2511531	37.993	ng		100
47) 2-Chloronaphthalene	13.442	162	2195583	38.769	ng		99
48) 2-Nitroaniline	13.648	65	647219	45.891	ng		94
49) Acenaphthylene	14.288	152	3147212	40.356	ng		99
50) Dimethylphthalate	14.024	163	2756102	41.183	ng		99
51) 2,6-Dinitrotoluene	14.141	165	648588	45.418	ng		94
52) Acenaphthene	14.629	154	1984522	40.867	ng		100
53) 3-Nitroaniline	14.476	138	588634	45.237	ng		100
54) 2,4-Dinitrophenol	14.676	184	348328	44.499	ng		97
55) Dibenzofuran	14.964	168	3248169	40.070	ng		97
56) 4-Nitrophenol	14.782	139	466721	48.357	ng		94
57) 2,4-Dinitrotoluene	14.928	165	906800	46.307	ng		94
58) Fluorene	15.616	166	2754405	41.031	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.193	232	808067	43.588	ng		99
60) Diethylphthalate	15.381	149	2750071	42.803	ng		99
61) 4-Chlorophenyl-phenyle...	15.604	204	1510612	40.849	ng		99
62) 4-Nitroaniline	15.639	138	639552	46.181	ng		95
63) Azobenzene	15.898	77	2688194	41.367	ng		98
65) 4,6-Dinitro-2-methylph...	15.692	198	577381	49.291	ng		96
66) n-Nitrosodiphenylamine	15.821	169	2413192	42.923	ng		100
67) 4-Bromophenyl-phenylether	16.503	248	1015171	43.634	ng		99
68) Hexachlorobenzene	16.621	284	1145064	41.578	ng		95
69) Atrazine	16.767	200	823633	38.851	ng		97
70) Pentachlorophenol	16.961	266	769965	51.868	ng		93
71) Phenanthrene	17.361	178	4040990	39.484	ng		98
72) Anthracene	17.449	178	4003071	39.176	ng		99
73) Carbazole	17.719	167	3826857	39.726	ng		98
74) Di-n-butylphthalate	18.277	149	3893015	39.277	ng		100
75) Fluoranthene	19.370	202	4562060	37.112	ng		98
77) Benzidine	19.552	184	1407529	33.654	ng		99
78) Pyrene	19.735	202	4700094	38.232	ng		99
80) Butylbenzylphthalate	20.622	149	1822946	43.100	ng		97
81) Benzo(a)anthracene	21.562	228	4634091	38.884	ng		98
82) 3,3'-Dichlorobenzidine	21.480	252	1827537	40.041	ng		100
83) Chrysene	21.626	228	4491211	38.317	ng		98
84) Bis(2-ethylhexyl)phtha...	21.462	149	2717785	42.523	ng		100
85) Di-n-octyl phthalate	22.655	149	4458665	43.049	ng		99
87) Indeno(1,2,3-cd)pyrene	28.348	276	6148273	40.422	ng	#	94
88) Benzo(b)fluoranthene	23.742	252	5131931	39.711	ng		99
89) Benzo(k)fluoranthene	23.806	252	5060016	39.679	ng		99
90) Benzo(a)pyrene	24.594	252	4658151	39.902	ng		98
91) Dibenzo(a,h)anthracene	28.418	278	5003919	40.284	ng		98
92) Benzo(g,h,i)perylene	29.488	276	5122758	40.238	ng		99

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

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