Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121323\
Data File : BG059998.D
Acq On : 13 Dec 2023 16:03
Operator : MA/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 14 01:34:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 01:32:11 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.959	152	73649	20.000	ng		# 0.00
21) Naphthalene-d8	10.761	136	268802	20.000	ng		# 0.00
39) Acenaphthene-d10	14.598	164	224472	20.000	ng		0.00
64) Phenanthrene-d10	17.342	188	653042	20.000	ng		0.00
76) Chrysene-d12	21.619	240	771798	20.000	ng		# 0.00
86) Perylene-d12	24.804	264	877093	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.526	112	524093	121.817	ng		0.00
7) Phenol-d6	7.119	99	720910	119.122	ng		0.00
23) Nitrobenzene-d5	9.122	82	750197	126.729	ng		0.00
42) 2,4,6-Tribromophenol	16.084	330	639223	122.193	ng		0.00
45) 2-Fluorobiphenyl	13.223	172	2211114	120.557	ng		0.00
79) Terphenyl-d14	19.968	244	4570670	108.121	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.441	88	117303	57.620	ng		92
3) Pyridine	3.834	79	342564m	60.156	ng		
4) n-Nitrosodimethylamine	3.752	42	162438	57.922	ng	#	85
6) Aniline	7.283	93	367292	59.585	ng		95
8) 2-Chlorophenol	7.518	128	246358	60.427	ng		97
9) Benzaldehyde	7.095	77	201497	54.758	ng		98
10) Phenol	7.142	94	368643	60.637	ng		100
11) bis(2-Chloroethyl)ether	7.383	93	249798	57.394	ng		99
12) 1,3-Dichlorobenzene	7.847	146	322078	59.076	ng		97
13) 1,4-Dichlorobenzene	7.994	146	328830	57.962	ng		97
14) 1,2-Dichlorobenzene	8.311	146	318535	58.360	ng		98
15) Benzyl Alcohol	8.194	79	293941	60.432	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.488	45	458273m	58.848	ng		
17) 2-Methylphenol	8.393	107	243059	59.967	ng		91
18) Hexachloroethane	9.046	117	101547	59.088	ng		92
19) n-Nitroso-di-n-propyla...	8.770	70	245681	62.923	ng	#	98
20) 3+4-Methylphenols	8.723	107	336244	59.391	ng		96
22) Acetophenone	8.781	105	473384	60.433	ng	#	96
24) Nitrobenzene	9.163	77	375170	62.425	ng		93
25) Isophorone	9.686	82	694709	61.317	ng	#	97
26) 2-Nitrophenol	9.874	139	142310	64.386	ng		92
27) 2,4-Dimethylphenol	9.927	122	185765	61.315	ng		97
28) bis(2-Chloroethoxy)met...	10.168	93	354040	60.523	ng		98
29) 2,4-Dichlorophenol	10.403	162	335056	61.575	ng		96
30) 1,2,4-Trichlorobenzene	10.626	180	447396	60.743	ng		94
31) Naphthalene	10.814	128	846733	60.510	ng		98
32) Benzoic acid	10.086	122	187342	67.967	ng		95
33) 4-Chloroaniline	10.920	127	322652	60.598	ng		97
34) Hexachlorobutadiene	11.096	225	414726	61.521	ng		91
35) Caprolactam	11.713	113	86694	62.718	ng	#	88
36) 4-Chloro-3-methylphenol	12.042	107	310100	62.661	ng		99
37) 2-Methylnaphthalene	12.424	142	659043	60.049	ng		97
38) 1-Methylnaphthalene	12.641	142	664000	61.247	ng		95
40) 1,2,4,5-Tetrachloroben...	12.788	216	728370	62.241	ng		98
41) Hexachlorocyclopentadiene	12.771	237	312535	64.639	ng		96
43) 2,4,6-Trichlorophenol	13.023	196	408527	62.262	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.094	196	438582	61.453	ng		98
46) 1,1'-Biphenyl	13.429	154	1007432	60.517	ng		98
47) 2-Chloronaphthalene	13.476	162	865619	60.042	ng		98
48) 2-Nitroaniline	13.670	65	208680	67.054	ng		85
49) Acenaphthylene	14.322	152	1195239	60.608	ng		100
50) Dimethylphthalate	14.057	163	1053363	60.455	ng		98
51) 2,6-Dinitrotoluene	14.169	165	231317	64.089	ng		94
52) Acenaphthene	14.663	154	835882	61.574	ng		98
53) 3-Nitroaniline	14.498	138	180953	62.741	ng		94
54) 2,4-Dinitrophenol	14.698	184	181579	68.283	ng		93
55) Dibenzofuran	14.998	168	1331397	60.258	ng		98
56) 4-Nitrophenol	14.798	139	151559	62.525	ng		94
57) 2,4-Dinitrotoluene	14.956	165	326088	64.270	ng		99
58) Fluorene	15.644	166	1130633	60.683	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.215	232	442617	59.579	ng		98
60) Diethylphthalate	15.421	149	977612	60.980	ng		99
61) 4-Chlorophenyl-phenyle...	15.638	204	831149	61.941	ng		97
62) 4-Nitroaniline	15.667	138	191411	60.947	ng		93
63) Azobenzene	15.932	77	949563	60.075	ng		98
65) 4,6-Dinitro-2-methylph...	15.720	198	270800	66.137	ng		96
66) n-Nitrosodiphenylamine	15.855	169	976899	61.234	ng		99
67) 4-Bromophenyl-phenylether	16.531	248	575829	62.495	ng		96
68) Hexachlorobenzene	16.649	284	662434	61.500	ng		98
69) Atrazine	16.801	200	279435	61.758	ng		98
70) Pentachlorophenol	16.989	266	442508	63.416	ng		96
71) Phenanthrene	17.389	178	1900299	60.076	ng		100
72) Anthracene	17.477	178	1933541	60.796	ng		99
73) Carbazole	17.747	167	1594391	58.995	ng		97
74) Di-n-butylphthalate	18.311	149	1504909	61.040	ng		99
75) Fluoranthene	19.398	202	2696115	58.410	ng		95
77) Benzidine	19.580	184	553245	55.807	ng		98
78) Pyrene	19.763	202	2779403	59.408	ng		97
80) Butylbenzylphthalate	20.656	149	531375	63.240	ng		96
81) Benzo(a)anthracene	21.596	228	3088888	59.581	ng		98
82) 3,3'-Dichlorobenzidine	21.513	252	1037931	60.842	ng		98
83) Chrysene	21.666	228	2894126	58.923	ng		97
84) Bis(2-ethylhexyl)phtha...	21.513	149	806327	63.312	ng		98
85) Di-n-octyl phthalate	22.724	149	1405469	63.798	ng		100
87) Indeno(1,2,3-cd)pyrene	28.446	276	3873031	61.874	ng		100
88) Benzo(b)fluoranthene	23.799	252	3286734	60.676	ng		98
89) Benzo(k)fluoranthene	23.864	252	3179166	60.492	ng		100
90) Benzo(a)pyrene	24.657	252	2939242	61.244	ng		97
91) Dibenzo(a,h)anthracene	28.523	278	3247426	62.041	ng	#	98
92) Benzo(g,h,i)perylene	29.598	276	3203381	61.526	ng		98

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

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