Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111423\
Data File : BG059688.D
Acq On : 14 Nov 2023 19:23
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023

Quant Time: Nov 15 08:00:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 15 07:25:44 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.354	152	38289	20.000	ng	0.00
21) Naphthalene-d8	11.192	136	177273	20.000	ng	0.00
39) Acenaphthene-d10	14.976	164	113513	20.000	ng	0.00
64) Phenanthrene-d10	17.725	188	279244	20.000	ng	0.00
76) Chrysene-d12	22.062	240	325097	20.000	ng	0.00
86) Perylene-d12	25.646	264	369940	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.839	112	174926	78.872	ng	0.00
7) Phenol-d6	7.467	99	281596	84.017	ng	0.00
23) Nitrobenzene-d5	9.553	82	343953	83.410	ng	0.00
42) 2,4,6-Tribromophenol	16.462	330	105157	82.086	ng	0.00
45) 2-Fluorobiphenyl	13.601	172	749855	89.062	ng	0.00
79) Terphenyl-d14	20.305	244	1266634	80.386	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.683	88	32509m	39.484	ng	
3) Pyridine	4.100	79	108003m	39.643	ng	
4) n-Nitrosodimethylamine	4.030	42	44887	37.834	ng	100
6) Aniline	7.673	93	178723	40.129	ng	100
8) 2-Chlorophenol	7.896	128	102313	40.793	ng	100
9) Benzaldehyde	7.490	77	84904	39.143	ng	100
10) Phenol	7.496	94	145288	42.202	ng	100
11) bis(2-Chloroethyl)ether	7.761	93	88002	39.783	ng	100
12) 1,3-Dichlorobenzene	8.231	146	108126	39.214	ng	100
13) 1,4-Dichlorobenzene	8.383	146	111655	38.586	ng	100
14) 1,2-Dichlorobenzene	8.701	146	105321	39.455	ng	100
15) Benzyl Alcohol	8.589	79	143805	40.299	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.865	45	31498	37.857	ng	100
17) 2-Methylphenol	8.765	107	97389	38.615	ng	100
18) Hexachloroethane	9.435	117	42610	38.645	ng	100
19) n-Nitroso-di-n-propyla...	9.159	70	102705	39.778	ng	100
20) 3+4-Methylphenols	9.100	107	142881	40.537	ng	100
22) Acetophenone	9.188	105	201153	41.770	ng	100
24) Nitrobenzene	9.594	77	159459	41.705	ng	100
25) Isophorone	10.099	82	287196	40.487	ng	100
26) 2-Nitrophenol	10.299	139	60815	41.079	ng	100
27) 2,4-Dimethylphenol	10.317	122	120918	40.965	ng	100
28) bis(2-Chloroethoxy)met...	10.581	93	119342	40.561	ng	100
29) 2,4-Dichlorophenol	10.822	162	110741	41.989	ng	100
30) 1,2,4-Trichlorobenzene	11.039	180	113108	41.995	ng	100
31) Naphthalene	11.251	128	359409	40.157	ng	100
32) Benzoic acid	10.422	122	78522	40.251	ng	100
33) 4-Chloroaniline	11.362	127	156577	39.543	ng	100
34) Hexachlorobutadiene	11.480	225	71908	41.472	ng	100
35) Caprolactam	12.161	113	40406	42.833	ng	100
36) 4-Chloro-3-methylphenol	12.432	107	146718	41.273	ng	100
37) 2-Methylnaphthalene	12.825	142	304449	40.728	ng	100
38) 1-Methylnaphthalene	13.043	142	290826	42.354	ng	100
40) 1,2,4,5-Tetrachloroben...	13.166	216	134117	43.374	ng	100
41) Hexachlorocyclopentadiene	13.119	237	87253	44.117	ng	100
43) 2,4,6-Trichlorophenol	13.407	196	95988	44.512	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.477	196	110302	44.653	ng	100
46) 1,1'-Biphenyl	13.818	154	400444	45.314	ng	100
47) 2-Chloronaphthalene	13.871	162	279124	44.963	ng	100
48) 2-Nitroaniline	14.083	65	90260	42.787	ng	100
49) Acenaphthylene	14.711	152	446622	42.596	ng	100
50) Dimethylphthalate	14.423	163	351973	40.661	ng	100
51) 2,6-Dinitrotoluene	14.559	165	68803	41.231	ng	100
52) Acenaphthene	15.040	154	270434	43.006	ng	100
53) 3-Nitroaniline	14.899	138	78260	40.154	ng	100
54) 2,4-Dinitrophenol	15.087	184	45075	40.183	ng	100
55) Dibenzofuran	15.375	168	434248	42.514	ng	100
56) 4-Nitrophenol	15.164	139	60232	40.755	ng	100
57) 2,4-Dinitrotoluene	15.340	165	101293	41.288	ng	100
58) Fluorene	16.022	166	367522	41.950	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.575	232	85606	40.282	ng	100
60) Diethylphthalate	15.763	149	394261	42.266	ng	100
61) 4-Chlorophenyl-phenyle...	16.004	204	192161	42.830	ng	100
62) 4-Nitroaniline	16.063	138	85258	42.865	ng	100
63) Azobenzene	16.298	77	427591	42.141	ng	100
65) 4,6-Dinitro-2-methylph...	16.086	198	68377	42.979	ng	100
66) n-Nitrosodiphenylamine	16.221	169	328588	40.243	ng	100
67) 4-Bromophenyl-phenylether	16.903	248	120850	41.137	ng	100
68) Hexachlorobenzene	16.991	284	110086	39.937	ng	100
69) Atrazine	17.156	200	100593	39.248	ng	100
70) Pentachlorophenol	17.349	266	89222	43.694	ng	100
71) Phenanthrene	17.772	178	608517	42.021	ng	100
72) Anthracene	17.861	178	631737	42.388	ng	100
73) Carbazole	18.137	167	542928	41.609	ng	100
74) Di-n-butylphthalate	18.642	149	639363	42.210	ng	100
75) Fluoranthene	19.764	202	689493	40.875	ng	100
77) Benzidine	19.946	184	223926	40.764	ng	100
78) Pyrene	20.129	202	669076	38.686	ng	100
80) Butylbenzylphthalate	20.986	149	349309	40.570	ng	100
81) Benzo(a)anthracene	22.038	228	914355	41.247	ng	100
82) 3,3'-Dichlorobenzidine	21.950	252	347184	42.773	ng	100
83) Chrysene	22.114	228	830092	39.418	ng	100
84) Bis(2-ethylhexyl)phtha...	21.868	149	536202	41.487	ng	100
85) Di-n-octyl phthalate	23.207	149	912307	43.168	ng	100
87) Indeno(1,2,3-cd)pyrene	29.829	276	1128125m	43.345	ng	
88) Benzo(b)fluoranthene	24.488	252	946845	42.174	ng	100
89) Benzo(k)fluoranthene	24.570	252	912699	40.602	ng	100
90) Benzo(a)pyrene	25.487	252	896278	41.297	ng	100
91) Dibenzo(a,h)anthracene	29.917	278	923338	41.399	ng	100
92) Benzo(g,h,i)perylene	31.157	276	890687	41.597	ng	100

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

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