Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122722\
Data File : BG056130.D
Acq On : 27 Dec 2022 17:40
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Quant Time: Dec 28 04:54:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 04:51:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.338	152	41150	20.000	ng	0.00
21) Naphthalene-d8	11.170	136	163717	20.000	ng	0.00
39) Acenaphthene-d10	14.948	164	138977	20.000	ng	0.00
64) Phenanthrene-d10	17.680	188	365985	20.000	ng	0.00
76) Chrysene-d12	21.975	240	356915	20.000	ng	0.00
86) Perylene-d12	25.424	264	394986	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.853	112	185638	105.797	ng	0.00
7) Phenol-d6	7.469	99	293933	130.247	ng	0.00
23) Nitrobenzene-d5	9.513	82	254990	108.842	ng	0.00
42) 2,4,6-Tribromophenol	16.423	330	142987	42.668	ng	0.00
45) 2-Fluorobiphenyl	13.573	172	816851	82.432	ng	0.00
79) Terphenyl-d14	20.254	244	1589598	78.715	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.679	88	44303	86.760	ng	100
3) Pyridine	4.096	79	133090	79.197	ng	100
4) n-Nitrosodimethylamine	4.002	42	27577	18.255	ng	100
6) Aniline	7.651	93	189288	70.056	ng	100
8) 2-Chlorophenol	7.897	128	93592	41.344	ng	100
9) Benzaldehyde	7.463	77	82353	58.106	ng	100
10) Phenol	7.498	94	147789	59.836	ng	100
11) bis(2-Chloroethyl)ether	7.739	93	98345	61.129	ng	100
12) 1,3-Dichlorobenzene	8.227	146	111532	38.087	ng	100
13) 1,4-Dichlorobenzene	8.373	146	113818	38.032	ng	100
14) 1,2-Dichlorobenzene	8.697	146	109658	38.341	ng	100
15) Benzyl Alcohol	8.567	79	108231	46.155	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.861	45	17314	8.269	ng	100
17) 2-Methylphenol	8.767	107	109419	56.306	ng	100
18) Hexachloroethane	9.437	117	34386	37.852	ng	100
19) n-Nitroso-di-n-propyla...	9.143	70	87233	53.927	ng	100
20) 3+4-Methylphenols	9.096	107	154066	55.556	ng	100
22) Acetophenone	9.167	105	185776	45.775	ng	100
24) Nitrobenzene	9.554	77	125533	53.234	ng	100
25) Isophorone	10.071	82	268024	54.559	ng	100
26) 2-Nitrophenol	10.271	139	64692	46.342	ng	100
27) 2,4-Dimethylphenol	10.312	122	117539	50.135	ng	100
28) bis(2-Chloroethoxy)met...	10.547	93	137624	63.387	ng	100
29) 2,4-Dichlorophenol	10.806	162	134596	40.449	ng	100
30) 1,2,4-Trichlorobenzene	11.029	180	146732	33.921	ng	100
31) Naphthalene	11.223	128	339119	39.257	ng	100
32) Benzoic acid	10.424	122	91272	50.467	ng	100
33) 4-Chloroaniline	11.317	127	164336	44.376	ng	100
34) Hexachlorobutadiene	11.499	225	108000	26.557	ng	100
35) Caprolactam	12.081	113	43800	47.243	ng	100
36) 4-Chloro-3-methylphenol	12.410	107	131645	42.191	ng	100
37) 2-Methylnaphthalene	12.798	142	291579	38.205	ng	100
38) 1-Methylnaphthalene	13.015	142	267410	35.966	ng	100
40) 1,2,4,5-Tetrachloroben...	13.156	216	212505	36.241	ng	100
41) Hexachlorocyclopentadiene	13.138	237	126856	38.135	ng	100
43) 2,4,6-Trichlorophenol	13.385	196	143610	41.374	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.462	196	166077	42.445	ng	100
46) 1,1'-Biphenyl	13.785	154	405099	43.003	ng	100
47) 2-Chloronaphthalene	13.832	162	319435	41.733	ng	100
48) 2-Nitroaniline	14.026	65	68268	53.318	ng	100
49) Acenaphthylene	14.672	152	520448	42.598	ng	100
50) Dimethylphthalate	14.384	163	451531	37.579	ng	100
51) 2,6-Dinitrotoluene	14.507	165	94702	50.932	ng	100
52) Acenaphthene	15.013	154	340030	41.456	ng	100
53) 3-Nitroaniline	14.842	138	92791	49.063	ng	100
54) 2,4-Dinitrophenol	15.042	184	72460	52.420	ng	100
55) Dibenzofuran	15.342	168	562059	40.750	ng	100
56) 4-Nitrophenol	15.124	139	72602	47.904	ng	100
57) 2,4-Dinitrotoluene	15.289	165	137928	49.143	ng	100
58) Fluorene	15.988	166	445100	39.477	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.559	232	155442	34.774	ng	97
60) Diethylphthalate	15.735	149	425545	36.235	ng	100
61) 4-Chlorophenyl-phenyle...	15.964	204	281428	36.640	ng	100
62) 4-Nitroaniline	15.994	138	96012	46.616	ng	100
63) Azobenzene	16.258	77	325019	45.470	ng	100
65) 4,6-Dinitro-2-methylph...	16.053	198	103491	59.194	ng	100
66) n-Nitrosodiphenylamine	16.182	169	409612	42.709	ng	100
67) 4-Bromophenyl-phenylether	16.863	248	188548	35.158	ng	100
68) Hexachlorobenzene	16.987	284	176076	26.656	ng	100
69) Atrazine	17.110	200	174208	40.116	ng	100
70) Pentachlorophenol	17.322	266	139007	36.810	ng	100
71) Phenanthrene	17.721	178	767665	40.025	ng	100
72) Anthracene	17.815	178	791142	41.694	ng	100
73) Carbazole	18.074	167	668256	42.702	ng	100
74) Di-n-butylphthalate	18.608	149	669316	36.777	ng	100
75) Fluoranthene	19.713	202	1004927	37.418	ng	100
77) Benzidine	19.878	184	522554	83.368	ng	100
78) Pyrene	20.071	202	1001916	46.391	ng	100
80) Butylbenzylphthalate	20.929	149	292007	47.715	ng	100
81) Benzo(a)anthracene	21.952	228	1010480	40.234	ng	100
82) 3,3'-Dichlorobenzidine	21.858	252	375400	41.544	ng	100
83) Chrysene	22.022	228	951523	40.424	ng	100
84) Bis(2-ethylhexyl)phtha...	21.822	149	421207	46.326	ng	100
85) Di-n-octyl phthalate	23.115	149	714077	46.299	ng	100
87) Indeno(1,2,3-cd)pyrene	29.419	276	1172160	36.904	ng	100
88) Benzo(b)fluoranthene	24.325	252	1024766	40.088	ng	100
89) Benzo(k)fluoranthene	24.396	252	1013467	39.737	ng	100
90) Benzo(a)pyrene	25.271	252	996026	46.095	ng	100
91) Dibenzo(a,h)anthracene	29.478	278	975139	36.680	ng	100
92) Benzo(g,h,i)perylene	30.671	276	958304	37.283	ng	100

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

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