Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082022\
Data File : BG054670.D
Acq On : 19 Aug 2022 19:47
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Quant Time: Aug 21 23:50:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 21 23:47:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.165	152	52167	20.000	ng	0.00
21) Naphthalene-d8	10.985	136	220925	20.000	ng	0.00
39) Acenaphthene-d10	14.793	164	143397	20.000	ng	0.00
64) Phenanthrene-d10	17.536	188	309516	20.000	ng	0.00
76) Chrysene-d12	21.831	240	288628	20.000	ng	0.00
86) Perylene-d12	25.210	264	307048	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	221081	76.737	ng	0.00
7) Phenol-d6	7.301	99	311436	77.296	ng	0.00
23) Nitrobenzene-d5	9.334	82	280723	73.361	ng	0.00
42) 2,4,6-Tribromophenol	16.273	330	109664	73.241	ng	0.00
45) 2-Fluorobiphenyl	13.418	172	655365	71.588	ng	0.00
79) Terphenyl-d14	20.139	244	975999	72.275	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.553	88	49981	35.530	ng	100
3) Pyridine	3.958	79	146806	38.847	ng	100
4) n-Nitrosodimethylamine	3.870	42	63085	37.499	ng	100
6) Aniline	7.478	93	184478	38.202	ng	100
8) 2-Chlorophenol	7.718	128	119568	38.257	ng	100
9) Benzaldehyde	7.295	77	86474	35.421	ng	100
10) Phenol	7.331	94	157718	38.532	ng	100
11) bis(2-Chloroethyl)ether	7.572	93	124705	37.786	ng	100
12) 1,3-Dichlorobenzene	8.053	146	138712	37.838	ng	100
13) 1,4-Dichlorobenzene	8.200	146	139224	37.629	ng	100
14) 1,2-Dichlorobenzene	8.518	146	131677	37.542	ng	100
15) Benzyl Alcohol	8.394	79	111013	38.747	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.688	45	194174	37.736	ng	100
17) 2-Methylphenol	8.594	107	106912	38.158	ng	100
18) Hexachloroethane	9.258	117	49079	37.882	ng	100
19) n-Nitroso-di-n-propyla...	8.970	70	102070	38.574	ng	100
20) 3+4-Methylphenols	8.923	107	151194	39.069	ng	100
22) Acetophenone	8.988	105	190155	35.670	ng	100
24) Nitrobenzene	9.375	77	142248	36.598	ng	100
25) Isophorone	9.898	82	270960	36.870	ng	100
26) 2-Nitrophenol	10.092	139	52814	37.187	ng	100
27) 2,4-Dimethylphenol	10.133	122	107064	36.652	ng	100
28) bis(2-Chloroethoxy)met...	10.380	93	154041	36.492	ng	100
29) 2,4-Dichlorophenol	10.621	162	117629	37.636	ng	100
30) 1,2,4-Trichlorobenzene	10.844	180	134558	35.990	ng	100
31) Naphthalene	11.038	128	409781	36.084	ng	100
32) Benzoic acid	10.257	122	67966	37.656	ng	100
33) 4-Chloroaniline	11.138	127	167099	36.137	ng	100
34) Hexachlorobutadiene	11.314	225	86744	36.114	ng	100
35) Caprolactam	11.908	113	37560	36.932	ng	100
36) 4-Chloro-3-methylphenol	12.243	107	122273	36.758	ng	100
37) 2-Methylnaphthalene	12.630	142	285474	36.254	ng	100
38) 1-Methylnaphthalene	12.854	142	278676	36.372	ng	100
40) 1,2,4,5-Tetrachloroben...	12.995	216	150448	35.964	ng	100
41) Hexachlorocyclopentadiene	12.971	237	79849	36.075	ng	100
43) 2,4,6-Trichlorophenol	13.224	196	98368	37.487	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.294	196	107936	36.750	ng	100
46) 1,1'-Biphenyl	13.629	154	360477	35.446	ng	100
47) 2-Chloronaphthalene	13.676	162	274028	35.452	ng	100
48) 2-Nitroaniline	13.870	65	78800	36.818	ng	100
49) Acenaphthylene	14.516	152	452595	35.627	ng	100
50) Dimethylphthalate	14.240	163	364451	36.029	ng	100
51) 2,6-Dinitrotoluene	14.358	165	72110	37.632	ng	100
52) Acenaphthene	14.857	154	283004	35.371	ng	100
53) 3-Nitroaniline	14.693	138	80417	36.632	ng	100
54) 2,4-Dinitrophenol	14.892	184	26224	35.869	ng	100
55) Dibenzofuran	15.186	168	421710	35.328	ng	100
56) 4-Nitrophenol	14.975	139	61813	36.626	ng	100
57) 2,4-Dinitrotoluene	15.139	165	95328	37.070	ng	100
58) Fluorene	15.838	166	353478	35.415	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.404	232	94407	36.348	ng	100
60) Diethylphthalate	15.598	149	354202	35.504	ng	100
61) 4-Chlorophenyl-phenyle...	15.827	204	174435	35.332	ng	100
62) 4-Nitroaniline	15.850	138	81210	35.496	ng	100
63) Azobenzene	16.120	77	338961	35.288	ng	100
65) 4,6-Dinitro-2-methylph...	15.903	198	38042	36.028	ng	100
66) n-Nitrosodiphenylamine	16.038	169	303031	35.809	ng	100
67) 4-Bromophenyl-phenylether	16.720	248	114118	36.387	ng	100
68) Hexachlorobenzene	16.837	284	131914	36.145	ng	100
69) Atrazine	16.978	200	98140	36.521	ng	100
70) Pentachlorophenol	17.178	266	75451	37.918	ng	100
71) Phenanthrene	17.583	178	564616	35.874	ng	100
72) Anthracene	17.672	178	547653	35.709	ng	100
73) Carbazole	17.936	167	496444	35.598	ng	100
74) Di-n-butylphthalate	18.488	149	604456	36.710	ng	100
75) Fluoranthene	19.581	202	673794	35.456	ng	100
77) Benzidine	19.757	184	188968	34.920	ng	100
78) Pyrene	19.945	202	681673	35.960	ng	100
80) Butylbenzylphthalate	20.827	149	256584	37.700	ng	100
81) Benzo(a)anthracene	21.814	228	670180	35.898	ng	100
82) 3,3'-Dichlorobenzidine	21.720	252	200196	37.399	ng	100
83) Chrysene	21.884	228	631243	35.742	ng	100
84) Bis(2-ethylhexyl)phtha...	21.708	149	377413	37.735	ng	100
85) Di-n-octyl phthalate	22.983	149	630341	38.076	ng	100
87) Indeno(1,2,3-cd)pyrene	29.088	276	809016	36.037	ng	100
88) Benzo(b)fluoranthene	24.129	252	665444	35.989	ng	100
89) Benzo(k)fluoranthene	24.205	252	671527	36.105	ng	100
90) Benzo(a)pyrene	25.045	252	570526	36.330	ng	100
91) Dibenzo(a,h)anthracene	29.170	278	662665	35.874	ng	100
92) Benzo(g,h,i)perylene	30.310	276	654746	35.743	ng	100

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

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