Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082022\
Data File : BG054671.D
Acq On : 19 Aug 2022 20:29
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Quant Time: Aug 21 23:21:06 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 23:16:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.161	152	51110	20.000	ng	0.00
21) Naphthalene-d8	10.988	136	202602	20.000	ng	0.00
39) Acenaphthene-d10	14.795	164	131176	20.000	ng	0.00
64) Phenanthrene-d10	17.539	188	292424	20.000	ng	0.00
76) Chrysene-d12	21.834	240	268130	20.000	ng	0.00
86) Perylene-d12	25.206	264	286305	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.694	112	289155	118.122	ng	0.00
7) Phenol-d6	7.304	99	401802	119.788	ng	0.00
23) Nitrobenzene-d5	9.337	82	365110	98.137	ng	0.00
42) 2,4,6-Tribromophenol	16.275	330	143186	51.988	ng	0.00
45) 2-Fluorobiphenyl	13.420	172	833252	89.610	ng	0.00
79) Terphenyl-d14	20.142	244	1253317	92.729	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.549	88	68099	69.926	ng	99
3) Pyridine	3.955	79	192634	77.973	ng	98
4) n-Nitrosodimethylamine	3.872	42	84739	61.342	ng	100
6) Aniline	7.480	93	239438	61.841	ng	99
8) 2-Chlorophenol	7.721	128	155252	55.187	ng	98
9) Benzaldehyde	7.292	77	109296	58.006	ng	98
10) Phenol	7.327	94	203349	61.017	ng	99
11) bis(2-Chloroethyl)ether	7.574	93	161520	66.472	ng	99
12) 1,3-Dichlorobenzene	8.050	146	178932	52.203	ng	99
13) 1,4-Dichlorobenzene	8.197	146	180689	51.047	ng	99
14) 1,2-Dichlorobenzene	8.520	146	170945	51.214	ng	97
15) Benzyl Alcohol	8.396	79	144975	52.550	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.690	45	250404	81.824	ng	99
17) 2-Methylphenol	8.590	107	138834	57.798	ng	99
18) Hexachloroethane	9.254	117	64075	54.670	ng	97
19) n-Nitroso-di-n-propyla...	8.972	70	132701	59.244	ng	98
20) 3+4-Methylphenols	8.925	107	194630	57.506	ng	99
22) Acetophenone	8.990	105	246042	50.493	ng	100
24) Nitrobenzene	9.378	77	185442	51.003	ng	99
25) Isophorone	9.901	82	353614	54.651	ng	99
26) 2-Nitrophenol	10.089	139	72731	39.685	ng	98
27) 2,4-Dimethylphenol	10.136	122	136199	53.796	ng	98
28) bis(2-Chloroethoxy)met...	10.382	93	195919	60.036	ng	95
29) 2,4-Dichlorophenol	10.623	162	152502	39.906	ng	98
30) 1,2,4-Trichlorobenzene	10.841	180	172408	36.428	ng	99
31) Naphthalene	11.040	128	524083	51.531	ng	99
32) Benzoic acid	10.271	122	95888	118.732	ng	99
33) 4-Chloroaniline	11.140	127	218172	52.752	ng	99
34) Hexachlorobutadiene	11.317	225	110221	26.352	ng	99
35) Caprolactam	11.916	113	51772	53.805	ng	90
36) 4-Chloro-3-methylphenol	12.245	107	163114	46.918	ng	99
37) 2-Methylnaphthalene	12.633	142	367165	47.012	ng	99
38) 1-Methylnaphthalene	12.850	142	356394	46.831	ng	100
40) 1,2,4,5-Tetrachloroben...	12.991	216	192979	33.579	ng	99
41) Hexachlorocyclopentadiene	12.968	237	104472	77.484	ng	98
43) 2,4,6-Trichlorophenol	13.226	196	127742	40.823	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.297	196	141052	39.894	ng	98
46) 1,1'-Biphenyl	13.632	154	467431	52.086	ng	98
47) 2-Chloronaphthalene	13.679	162	353865	47.117	ng	100
48) 2-Nitroaniline	13.872	65	108687	55.452	ng	99
49) Acenaphthylene	14.519	152	589392	52.815	ng	100
50) Dimethylphthalate	14.243	163	472517	46.117	ng	99
51) 2,6-Dinitrotoluene	14.360	165	96797	43.071	ng	98
52) Acenaphthene	14.859	154	370452	54.820	ng	99
53) 3-Nitroaniline	14.695	138	109577	58.299	ng	98
54) 2,4-Dinitrophenol	14.889	184	37360	34.214	ng	90
55) Dibenzofuran	15.188	168	545422	45.362	ng	99
56) 4-Nitrophenol	14.977	139	85557	68.227	ng	98
57) 2,4-Dinitrotoluene	15.142	165	132695	41.187	ng	99
58) Fluorene	15.835	166	460159	46.547	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.406	232	128416	37.306	ng	98
60) Diethylphthalate	15.600	149	469320	47.747	ng	99
61) 4-Chlorophenyl-phenyle...	15.823	204	227418	35.045	ng	98
62) 4-Nitroaniline	15.852	138	111995	56.715	ng	99
63) Azobenzene	16.123	77	445791	62.769	ng	99
65) 4,6-Dinitro-2-methylph...	15.905	198	54855	30.363	ng	100
66) n-Nitrosodiphenylamine	16.040	169	405326	55.517	ng	99
67) 4-Bromophenyl-phenylether	16.722	248	147448	35.902	ng	98
68) Hexachlorobenzene	16.834	284	171683	36.555	ng	95
69) Atrazine	16.981	200	126138	38.825	ng	100
70) Pentachlorophenol	17.174	266	102734	55.903	ng	98
71) Phenanthrene	17.580	178	739456	50.778	ng	98
72) Anthracene	17.674	178	726438	50.834	ng	100
73) Carbazole	17.938	167	661414	56.218	ng	99
74) Di-n-butylphthalate	18.491	149	808051	58.200	ng	100
75) Fluoranthene	19.583	202	894572	45.064	ng	99
77) Benzidine	19.760	184	178545	36.768	ng	99
78) Pyrene	19.942	202	901737	58.611	ng	100
80) Butylbenzylphthalate	20.823	149	344920	71.941	ng	97
81) Benzo(a)anthracene	21.810	228	879551	51.675	ng	100
82) 3,3'-Dichlorobenzidine	21.722	252	256788	48.510	ng	99
83) Chrysene	21.881	228	831076	51.682	ng	99
84) Bis(2-ethylhexyl)phtha...	21.710	149	503791	74.259	ng	99
85) Di-n-octyl phthalate	22.979	149	846672	73.154	ng	100
87) Indeno(1,2,3-cd)pyrene	29.090	276	1071887	49.213	ng	99
88) Benzo(b)fluoranthene	24.131	252	890447	52.590	ng	99
89) Benzo(k)fluoranthene	24.201	252	874917	51.921	ng	99
90) Benzo(a)pyrene	25.048	252	751618	51.980	ng	99
91) Dibenzo(a,h)anthracene	29.172	278	875587	48.889	ng	99
92) Benzo(g,h,i)perylene	30.312	276	872857	49.380	ng	99

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

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