Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102122\
Data File : BG055235.D
Acq On : 21 Oct 2022 15:06
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Oct 22 01:28:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 20 09:21:42 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.287	152	41829	20.000	ng	0.00
21) Naphthalene-d8	11.119	136	194114	20.000	ng	0.00
39) Acenaphthene-d10	14.903	164	136029	20.000	ng	0.00
64) Phenanthrene-d10	17.635	188	296516	20.000	ng	0.00
76) Chrysene-d12	21.918	240	244953	20.000	ng	0.00
86) Perylene-d12	25.332	264	259160	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.808	112	191062	82.179	ng	0.00
7) Phenol-d6	7.429	99	283470	80.015	ng	0.00
23) Nitrobenzene-d5	9.462	82	307666	76.519	ng	0.00
42) 2,4,6-Tribromophenol	16.378	330	118876	84.337	ng	0.00
45) 2-Fluorobiphenyl	13.528	172	673715	79.110	ng	0.00
79) Terphenyl-d14	20.208	244	980278	74.567	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.622	88	43858	38.790	ng	97
3) Pyridine	4.045	79	137432	38.601	ng	97
4) n-Nitrosodimethylamine	3.951	42	61147	36.703	ng	93
6) Aniline	7.600	93	180567	39.314	ng	97
8) 2-Chlorophenol	7.846	128	112676	40.084	ng	99
9) Benzaldehyde	7.412	77	91167	37.020	ng	98
10) Phenol	7.453	94	158912	39.704	ng	99
11) bis(2-Chloroethyl)ether	7.694	93	122729	39.826	ng	95
12) 1,3-Dichlorobenzene	8.175	146	125055	41.012	ng	98
13) 1,4-Dichlorobenzene	8.328	146	126767	40.698	ng	98
14) 1,2-Dichlorobenzene	8.651	146	121478	40.931	ng	98
15) Benzyl Alcohol	8.522	79	123030	40.436	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.810	45	206710	37.220	ng	97
17) 2-Methylphenol	8.722	107	113682	41.034	ng	96
18) Hexachloroethane	9.386	117	46792	41.503	ng	97
19) n-Nitroso-di-n-propyla...	9.092	70	121425	39.962	ng	95
20) 3+4-Methylphenols	9.051	107	164938	42.357	ng	99
22) Acetophenone	9.116	105	200008	38.092	ng	98
24) Nitrobenzene	9.503	77	160229	37.268	ng	96
25) Isophorone	10.026	82	317255	38.566	ng	98
26) 2-Nitrophenol	10.220	139	73534	43.478	ng	98
27) 2,4-Dimethylphenol	10.267	122	114314	42.444	ng	99
28) bis(2-Chloroethoxy)met...	10.502	93	165101	41.766	ng	99
29) 2,4-Dichlorophenol	10.761	162	121405	42.218	ng	98
30) 1,2,4-Trichlorobenzene	10.978	180	123695	42.013	ng	99
31) Naphthalene	11.172	128	420219	41.026	ng	100
32) Benzoic acid	10.402	122	71112	36.886	ng	93
33) 4-Chloroaniline	11.266	127	179436	42.542	ng	99
34) Hexachlorobutadiene	11.448	225	72999	41.060	ng	98
35) Caprolactam	12.047	113	50613	40.051	ng	91
36) 4-Chloro-3-methylphenol	12.365	107	151601	40.545	ng	97
37) 2-Methylnaphthalene	12.752	142	306698	39.366	ng	100
38) 1-Methylnaphthalene	12.970	142	297132	38.632	ng	98
40) 1,2,4,5-Tetrachloroben...	13.111	216	134423	42.041	ng	99
41) Hexachlorocyclopentadiene	13.087	237	57950	39.798	ng	100
43) 2,4,6-Trichlorophenol	13.346	196	100761	41.405	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.416	196	111977	41.942	ng		98
46) 1,1'-Biphenyl	13.740	154	385848	40.059	ng		100
47) 2-Chloronaphthalene	13.792	162	300145	40.475	ng		98
48) 2-Nitroaniline	13.980	65	121990	40.537	ng		98
49) Acenaphthylene	14.627	152	506673	39.940	ng		99
50) Dimethylphthalate	14.345	163	424716	39.694	ng		99
51) 2,6-Dinitrotoluene	14.468	165	90044	41.940	ng		93
52) Acenaphthene	14.967	154	330795	40.955	ng		98
53) 3-Nitroaniline	14.797	138	106388	39.781	ng		98
54) 2,4-Dinitrophenol	15.003	184	46648	43.099	ng		97
55) Dibenzofuran	15.297	168	485361	41.719	ng		98
56) 4-Nitrophenol	15.091	139	78023	41.493	ng		99
57) 2,4-Dinitrotoluene	15.249	165	129266	43.060	ng		93
58) Fluorene	15.943	166	400456	40.873	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.514	232	98651	42.431	ng		99
60) Diethylphthalate	15.690	149	452865	40.457	ng		98
61) 4-Chlorophenyl-phenyle...	15.925	204	191055	42.013	ng		97
62) 4-Nitroaniline	15.955	138	112489	41.466	ng		99
63) Azobenzene	16.213	77	456405	40.342	ng		99
65) 4,6-Dinitro-2-methylph...	16.013	198	71788	45.324	ng		91
66) n-Nitrosodiphenylamine	16.137	169	348596	42.124	ng		100
67) 4-Bromophenyl-phenylether	16.818	248	124195	42.972	ng		95
68) Hexachlorobenzene	16.942	284	134237	42.439	ng		98
69) Atrazine	17.071	200	115782	42.449	ng		99
70) Pentachlorophenol	17.282	266	71694	41.998	ng		93
71) Phenanthrene	17.676	178	640397	40.474	ng		100
72) Anthracene	17.770	178	630548	40.781	ng		100
73) Carbazole	18.029	167	591197	41.521	ng		100
74) Di-n-butylphthalate	18.563	149	758686	40.852	ng		99
75) Fluoranthene	19.668	202	701797	40.042	ng		98
77) Benzidine	19.832	184	192828	30.956	ng		99
78) Pyrene	20.026	202	710486	38.493	ng		100
80) Butylbenzylphthalate	20.884	149	325825	37.767	ng		98
81) Benzo(a)anthracene	21.895	228	644344	40.554	ng		99
82) 3,3'-Dichlorobenzidine	21.801	252	212226	38.900	ng		99
83) Chrysene	21.965	228	609979	41.224	ng		98
84) Bis(2-ethylhexyl)phtha...	21.765	149	466253	41.305	ng		100
85) Di-n-octyl phthalate	23.040	149	775395	46.073	ng		96
87) Indeno(1,2,3-cd)pyrene	29.262	276	783322	43.457	ng	#	88
88) Benzo(b)fluoranthene	24.239	252	628640	40.848	ng	#	97
89) Benzo(k)fluoranthene	24.315	252	636057	40.809	ng	#	97
90) Benzo(a)pyrene	25.167	252	541515	40.995	ng	#	97
91) Dibenzo(a,h)anthracene	29.327	278	639986	43.339	ng	#	93
92) Benzo(g,h,i)perylene	30.502	276	632359	44.204	ng	#	89

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

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