Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111722\
Data File : BG055667.D
Acq On : 17 Nov 2022 15:50
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Nov 18 03:14:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 02:02:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.255	152	40380	20.000	ng		0.00
21) Naphthalene-d8	11.081	136	173284	20.000	ng		0.00
39) Acenaphthene-d10	14.876	164	130150	20.000	ng		0.00
64) Phenanthrene-d10	17.614	188	305250	20.000	ng		0.00
76) Chrysene-d12	21.921	240	280033	20.000	ng		0.00
86) Perylene-d12	25.329	264	302753	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.781	112	180081	80.609	ng		0.00
7) Phenol-d6	7.391	99	249512	83.903	ng		0.00
23) Nitrobenzene-d5	9.424	82	269062	82.069	ng		0.00
42) 2,4,6-Tribromophenol	16.357	330	149111	81.362	ng		0.00
45) 2-Fluorobiphenyl	13.502	172	676775	77.902	ng		0.00
79) Terphenyl-d14	20.205	244	1106309	79.018	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.619	88	36937	38.689	ng		98
3) Pyridine	4.030	79	119163	40.686	ng		98
4) n-Nitrosodimethylamine	3.942	42	63193	40.753	ng		97
6) Aniline	7.567	93	156126	41.798	ng		97
8) 2-Chlorophenol	7.814	128	104905	41.077	ng		98
9) Benzaldehyde	7.379	77	82584	40.891	ng		96
10) Phenol	7.420	94	139748	41.969	ng		99
11) bis(2-Chloroethyl)ether	7.661	93	104228	40.845	ng		97
12) 1,3-Dichlorobenzene	8.143	146	120478	40.124	ng		99
13) 1,4-Dichlorobenzene	8.290	146	121637	40.089	ng		97
14) 1,2-Dichlorobenzene	8.613	146	116554	40.087	ng		98
15) Benzyl Alcohol	8.484	79	109020	45.108	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.772	45	191025	41.353	ng		99
17) 2-Methylphenol	8.684	107	100608	42.558	ng		98
18) Hexachloroethane	9.348	117	43076	41.249	ng		97
19) n-Nitroso-di-n-propyla...	9.060	70	97509	42.675	ng		99
20) 3+4-Methylphenols	9.013	107	143400	43.424	ng		99
22) Acetophenone	9.077	105	180194	40.018	ng	#	98
24) Nitrobenzene	9.465	77	138374	40.407	ng		96
25) Isophorone	9.988	82	258236	41.571	ng		100
26) 2-Nitrophenol	10.182	139	68179	43.128	ng		94
27) 2,4-Dimethylphenol	10.229	122	100871	41.925	ng		97
28) bis(2-Chloroethoxy)met...	10.470	93	135154	40.528	ng		99
29) 2,4-Dichlorophenol	10.717	162	120486	41.839	ng		98
30) 1,2,4-Trichlorobenzene	10.940	180	134660	40.249	ng		98
31) Naphthalene	11.134	128	374420	39.970	ng		99
32) Benzoic acid	10.364	122	88496	44.707	ng		98
33) 4-Chloroaniline	11.234	127	159319	41.229	ng		99
34) Hexachlorobutadiene	11.410	225	92045	40.291	ng		96
35) Caprolactam	12.009	113	40371	40.511	ng		97
36) 4-Chloro-3-methylphenol	12.332	107	135722	42.880	ng		96
37) 2-Methylnaphthalene	12.720	142	288050	41.069	ng		99
38) 1-Methylnaphthalene	12.937	142	280285	41.164	ng		99
40) 1,2,4,5-Tetrachloroben...	13.078	216	163217	39.906	ng		100
41) Hexachlorocyclopentadiene	13.061	237	85359	41.408	ng		100
43) 2,4,6-Trichlorophenol	13.313	196	114555	41.060	ng		95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.384	196	126645	41.307	ng	99
46) 1,1'-Biphenyl	13.713	154	375185	39.559	ng	98
47) 2-Chloronaphthalene	13.760	162	292680	39.703	ng	98
48) 2-Nitroaniline	13.954	65	100743	41.566	ng	95
49) Acenaphthylene	14.600	152	485100	39.961	ng	99
50) Dimethylphthalate	14.318	163	409256	39.446	ng	99
51) 2,6-Dinitrotoluene	14.442	165	87795	41.386	ng	100
52) Acenaphthene	14.941	154	322534	40.653	ng	95
53) 3-Nitroaniline	14.771	138	94051	40.387	ng	97
54) 2,4-Dinitrophenol	14.976	184	53124	43.555	ng	96
55) Dibenzofuran	15.270	168	483689	39.519	ng	99
56) 4-Nitrophenol	15.064	139	73668	40.306	ng	100
57) 2,4-Dinitrotoluene	15.223	165	123053	41.142	ng	98
58) Fluorene	15.916	166	383848	39.267	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.493	232	118572	39.912	ng	98
60) Diethylphthalate	15.670	149	411513	39.231	ng	99
61) 4-Chlorophenyl-phenyle...	15.905	204	210086	39.097	ng	99
62) 4-Nitroaniline	15.934	138	96838	39.780	ng	99
63) Azobenzene	16.198	77	358576	39.156	ng	99
65) 4,6-Dinitro-2-methylph...	15.987	198	75441	44.260	ng	97
66) n-Nitrosodiphenylamine	16.116	169	339778	40.390	ng	99
67) 4-Bromophenyl-phenylether	16.798	248	140641	40.438	ng	99
68) Hexachlorobenzene	16.921	284	155075	40.211	ng	98
69) Atrazine	17.050	200	126589	38.048	ng	100
70) Pentachlorophenol	17.262	266	100454	42.581	ng	98
71) Phenanthrene	17.661	178	646117	39.224	ng	99
72) Anthracene	17.749	178	629035	39.302	ng	99
73) Carbazole	18.014	167	554625	38.547	ng	100
74) Di-n-butylphthalate	18.554	149	686620	38.431	ng	99
75) Fluoranthene	19.653	202	756769	37.763	ng	100
77) Benzidine	19.824	184	296836	45.819	ng	99
78) Pyrene	20.017	202	759638	40.076	ng	100
80) Butylbenzylphthalate	20.887	149	303965	40.963	ng	98
81) Benzo(a)anthracene	21.898	228	773133	40.085	ng	99
82) 3,3'-Dichlorobenzidine	21.798	252	278133	41.039	ng	100
83) Chrysene	21.968	228	729496	39.729	ng	99
84) Bis(2-ethylhexyl)phtha...	21.774	149	433246	40.626	ng	100
85) Di-n-octyl phthalate	23.049	149	741499	40.630	ng	100
87) Indeno(1,2,3-cd)pyrene	29.260	276	921957	37.172	ng	99
88) Benzo(b)fluoranthene	24.242	252	773026	39.206	ng	100
89) Benzo(k)fluoranthene	24.312	252	762014	38.772	ng	99
90) Benzo(a)pyrene	25.170	252	659095	38.954	ng	100
91) Dibenzo(a,h)anthracene	29.336	278	764689	37.729	ng	98
92) Benzo(g,h,i)perylene	30.499	276	748757	36.654	ng	98

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

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