Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111522\
Data File : BG055617.D
Acq On : 15 Nov 2022 10:29
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Nov 16 01:38:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 01:36:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.261	152	36257	20.000	ng		0.00
21) Naphthalene-d8	11.087	136	165174	20.000	ng		0.00
39) Acenaphthene-d10	14.882	164	125629	20.000	ng		0.00
64) Phenanthrene-d10	17.620	188	302353	20.000	ng		0.00
76) Chrysene-d12	21.921	240	267904	20.000	ng		0.00
86) Perylene-d12	25.335	264	287416	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.781	112	161526	84.856	ng		0.00
7) Phenol-d6	7.397	99	230671	87.727	ng		0.00
23) Nitrobenzene-d5	9.430	82	252410	103.596	ng		0.00
42) 2,4,6-Tribromophenol	16.363	330	143846	117.352	ng		0.00
45) 2-Fluorobiphenyl	13.507	172	654401	78.572	ng		0.00
79) Terphenyl-d14	20.211	244	1101454	82.579	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.625	88	32480	33.593	ng		96
3) Pyridine	4.036	79	110387	41.062	ng		100
4) n-Nitrosodimethylamine	3.942	42	60684	41.472	ng		94
6) Aniline	7.573	93	146206	41.862	ng		98
8) 2-Chlorophenol	7.820	128	96681	45.367	ng		97
9) Benzaldehyde	7.385	77	78466	37.823	ng		97
10) Phenol	7.426	94	130397	43.078	ng		99
11) bis(2-Chloroethyl)ether	7.667	93	95381	39.138	ng		98
12) 1,3-Dichlorobenzene	8.149	146	109023	40.954	ng		98
13) 1,4-Dichlorobenzene	8.296	146	110709	41.093	ng		96
14) 1,2-Dichlorobenzene	8.619	146	105076	41.070	ng		99
15) Benzyl Alcohol	8.490	79	103839	45.286	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.784	45	184456	39.390	ng		99
17) 2-Methylphenol	8.690	107	93947	44.104	ng		96
18) Hexachloroethane	9.354	117	38697	43.266	ng		97
19) n-Nitroso-di-n-propyla...	9.066	70	93713	43.125	ng		97
20) 3+4-Methylphenols	9.019	107	135795	45.761	ng		96
22) Acetophenone	9.083	105	172512	39.262	ng	#	99
24) Nitrobenzene	9.477	77	130340	46.499	ng		98
25) Isophorone	9.994	82	251129	40.344	ng		99
26) 2-Nitrophenol	10.188	139	59554	63.454	ng	#	88
27) 2,4-Dimethylphenol	10.235	122	95209	42.780	ng		98
28) bis(2-Chloroethoxy)met...	10.476	93	130784	38.968	ng		99
29) 2,4-Dichlorophenol	10.728	162	113616	46.453	ng		98
30) 1,2,4-Trichlorobenzene	10.946	180	126335	41.236	ng		98
31) Naphthalene	11.140	128	356164	39.883	ng		99
32) Benzoic acid	10.364	122	82399	56.514	ng		96
33) 4-Chloroaniline	11.240	127	153076	41.009	ng		97
34) Hexachlorobutadiene	11.416	225	83932	41.077	ng		97
35) Caprolactam	12.009	113	40883	49.034	ng		93
36) 4-Chloro-3-methylphenol	12.338	107	128229	44.478	ng		97
37) 2-Methylnaphthalene	12.726	142	273808	40.808	ng		99
38) 1-Methylnaphthalene	12.943	142	265903	40.515	ng		99
40) 1,2,4,5-Tetrachloroben...	13.090	216	154518	41.175	ng		99
41) Hexachlorocyclopentadiene	13.067	237	79576	49.532	ng		100
43) 2,4,6-Trichlorophenol	13.319	196	109973	49.840	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.390	196	124851	49.426	ng		98
46) 1,1'-Biphenyl	13.719	154	361187	39.298	ng		99
47) 2-Chloronaphthalene	13.766	162	282119	39.741	ng		99
48) 2-Nitroaniline	13.960	65	97673	52.988	ng		99
49) Acenaphthylene	14.606	152	466466	39.712	ng		99
50) Dimethylphthalate	14.324	163	402855	42.201	ng		99
51) 2,6-Dinitrotoluene	14.448	165	83387	49.581	ng		96
52) Acenaphthene	14.947	154	307745	41.968	ng		99
53) 3-Nitroaniline	14.777	138	91539	45.518	ng	#	95
54) 2,4-Dinitrophenol	14.976	184	46063	77.607	ng	#	77
55) Dibenzofuran	15.276	168	469074	40.012	ng		100
56) 4-Nitrophenol	15.064	139	73184	51.773	ng		97
57) 2,4-Dinitrotoluene	15.229	165	118592	53.087	ng	#	95
58) Fluorene	15.922	166	377971	40.526	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.493	232	116931	49.942	ng		99
60) Diethylphthalate	15.676	149	406518	41.860	ng		100
61) 4-Chlorophenyl-phenyle...	15.911	204	206672	41.660	ng		98
62) 4-Nitroaniline	15.934	138	94508	49.935	ng		99
63) Azobenzene	16.204	77	357938	38.025	ng		98
65) 4,6-Dinitro-2-methylph...	15.993	198	67997	63.010	ng		95
66) n-Nitrosodiphenylamine	16.122	169	335792	39.644	ng		99
67) 4-Bromophenyl-phenylether	16.804	248	139391	45.191	ng		97
68) Hexachlorobenzene	16.927	284	153362	41.822	ng		96
69) Atrazine	17.056	200	131828	43.006	ng		99
70) Pentachlorophenol	17.268	266	99977	49.764	ng		99
71) Phenanthrene	17.667	178	642957	39.567	ng		99
72) Anthracene	17.755	178	625593	39.285	ng		100
73) Carbazole	18.020	167	559125	38.850	ng		100
74) Di-n-butylphthalate	18.560	149	680020	41.211	ng		100
75) Fluoranthene	19.659	202	749189	38.662	ng		99
77) Benzidine	19.829	184	292493	40.356	ng		99
78) Pyrene	20.023	202	756084	41.700	ng		100
80) Butylbenzylphthalate	20.893	149	291308	42.591	ng		95
81) Benzo(a)anthracene	21.904	228	740539	40.355	ng		99
82) 3,3'-Dichlorobenzidine	21.804	252	262948	43.906	ng		99
83) Chrysene	21.974	228	700217	40.129	ng		98
84) Bis(2-ethylhexyl)phtha...	21.780	149	413049	45.139	ng		99
85) Di-n-octyl phthalate	23.061	149	702596	44.430	ng		99
87) Indeno(1,2,3-cd)pyrene	29.277	276	870556	39.768	ng	#	96
88) Benzo(b)fluoranthene	24.248	252	732075	40.200	ng		99
89) Benzo(k)fluoranthene	24.324	252	737540	39.615	ng		98
90) Benzo(a)pyrene	25.176	252	626379	39.930	ng		99
91) Dibenzo(a,h)anthracene	29.348	278	726494	40.092	ng		98
92) Benzo(g,h,i)perylene	30.517	276	710691	40.121	ng		98

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

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