Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101022\
Data File : BG055110.D
Acq On : 10 Oct 2022 13:01
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Oct 11 04:02:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 08 03:04:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.332	152	28677	20.000	ng		0.00
21) Naphthalene-d8	11.158	136	122209	20.000	ng		-0.01
39) Acenaphthene-d10	14.936	164	93196	20.000	ng		0.00
64) Phenanthrene-d10	17.668	188	235025	20.000	ng		0.00
76) Chrysene-d12	21.963	240	229334	20.000	ng		0.00
86) Perylene-d12	25.412	264	248039	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.847	112	119701	92.713	ng		0.00
7) Phenol-d6	7.457	99	170248	88.008	ng		0.00
23) Nitrobenzene-d5	9.501	82	181528	88.758	ng		0.00
42) 2,4,6-Tribromophenol	16.411	330	98845	103.416	ng		0.00
45) 2-Fluorobiphenyl	13.567	172	449473	75.291	ng		0.00
79) Terphenyl-d14	20.248	244	882772	77.801	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.679	88	27875	38.158	ng		99
3) Pyridine	4.096	79	87606	39.881	ng		93
4) n-Nitrosodimethylamine	4.002	42	45607	36.304	ng	#	91
6) Aniline	7.639	93	109891	38.825	ng		96
8) 2-Chlorophenol	7.886	128	69759	46.973	ng		97
9) Benzaldehyde	7.451	77	56839	36.575	ng		94
10) Phenol	7.486	94	95762	43.562	ng		97
11) bis(2-Chloroethyl)ether	7.733	93	68495	38.016	ng		95
12) 1,3-Dichlorobenzene	8.220	146	81823	40.028	ng		96
13) 1,4-Dichlorobenzene	8.367	146	81099	39.203	ng		98
14) 1,2-Dichlorobenzene	8.691	146	78458	39.037	ng		97
15) Benzyl Alcohol	8.555	79	76066	43.778	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.855	45	119922	35.139	ng		99
17) 2-Methylphenol	8.755	107	67698	43.710	ng		96
18) Hexachloroethane	9.431	117	27479	41.892	ng		90
19) n-Nitroso-di-n-propyla...	9.131	70	68707	36.666	ng	#	97
20) 3+4-Methylphenols	9.078	107	95476	44.265	ng		98
22) Acetophenone	9.155	105	120761	38.966	ng	#	97
24) Nitrobenzene	9.542	77	95568	43.035	ng		92
25) Isophorone	10.065	82	178844	41.144	ng		97
26) 2-Nitrophenol	10.259	139	37469	57.787	ng	#	84
27) 2,4-Dimethylphenol	10.300	122	68892	46.233	ng		96
28) bis(2-Chloroethoxy)met...	10.541	93	88985	40.008	ng		98
29) 2,4-Dichlorophenol	10.794	162	78129	43.305	ng		97
30) 1,2,4-Trichlorobenzene	11.017	180	85241	39.938	ng		96
31) Naphthalene	11.211	128	253643	39.325	ng		99
32) Benzoic acid	10.406	122	53727	54.019	ng		92
33) 4-Chloroaniline	11.305	127	109858	41.190	ng		98
34) Hexachlorobutadiene	11.493	225	53712	38.810	ng		97
35) Caprolactam	12.069	113	31365	54.108	ng	#	87
36) 4-Chloro-3-methylphenol	12.392	107	90679	43.840	ng		99
37) 2-Methylnaphthalene	12.792	142	187767	39.503	ng		98
38) 1-Methylnaphthalene	13.009	142	182467	39.466	ng		99
40) 1,2,4,5-Tetrachloroben...	13.150	216	101386	37.259	ng		99
41) Hexachlorocyclopentadiene	13.127	237	50942	43.475	ng		97
43) 2,4,6-Trichlorophenol	13.379	196	74905	45.472	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.444	196	82700	44.474	ng		98
46) 1,1'-Biphenyl	13.779	154	243836	38.160	ng		98
47) 2-Chloronaphthalene	13.826	162	197998	38.454	ng		99
48) 2-Nitroaniline	14.014	65	67945	46.991	ng		97
49) Acenaphthylene	14.666	152	326456	38.288	ng		100
50) Dimethylphthalate	14.378	163	290117	45.865	ng		99
51) 2,6-Dinitrotoluene	14.495	165	57739	44.812	ng		90
52) Acenaphthene	15.001	154	210252	39.714	ng		99
53) 3-Nitroaniline	14.830	138	68994	45.897	ng		97
54) 2,4-Dinitrophenol	15.024	184	29514	50.198	ng	#	72
55) Dibenzofuran	15.330	168	329061	38.958	ng		99
56) 4-Nitrophenol	15.107	139	54766	49.221	ng		99
57) 2,4-Dinitrotoluene	15.277	165	84875	47.985	ng	#	87
58) Fluorene	15.976	166	268691	39.752	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.547	232	81261	47.137	ng		99
60) Diethylphthalate	15.729	149	306160	46.908	ng		99
61) 4-Chlorophenyl-phenyle...	15.964	204	142439	38.767	ng		98
62) 4-Nitroaniline	15.982	138	72781	47.829	ng		99
63) Azobenzene	16.252	77	272700	37.097	ng		98
65) 4,6-Dinitro-2-methylph...	16.035	198	43724	49.912	ng		92
66) n-Nitrosodiphenylamine	16.170	169	243755	39.824	ng		96
67) 4-Bromophenyl-phenylether	16.852	248	98711	39.713	ng		97
68) Hexachlorobenzene	16.975	284	112053	38.992	ng		95
69) Atrazine	17.104	200	95658	47.969	ng		98
70) Pentachlorophenol	17.310	266	72968	47.756	ng		97
71) Phenanthrene	17.715	178	478787	38.782	ng		99
72) Anthracene	17.803	178	466783	38.875	ng		99
73) Carbazole	18.062	167	434796	41.255	ng		99
74) Di-n-butylphthalate	18.602	149	526667	47.871	ng		99
75) Fluoranthene	19.701	202	597086	38.768	ng		100
77) Benzidine	19.866	184	200467	50.741	ng		98
78) Pyrene	20.060	202	594370	38.977	ng		99
80) Butylbenzylphthalate	20.929	149	225730	47.350	ng		97
81) Benzo(a)anthracene	21.946	228	572166	39.274	ng		99
82) 3,3'-Dichlorobenzidine	21.846	252	195126	46.073	ng		96
83) Chrysene	22.016	228	535969	38.171	ng		99
84) Bis(2-ethylhexyl)phtha...	21.828	149	326727	45.956	ng		99
85) Di-n-octyl phthalate	23.121	149	556396	46.573	ng		96
87) Indeno(1,2,3-cd)pyrene	29.384	276	716359	40.020	ng		99
88) Benzo(b)fluoranthene	24.308	252	572753	39.190	ng		100
89) Benzo(k)fluoranthene	24.384	252	591074	40.146	ng		100
90) Benzo(a)pyrene	25.248	252	496513	39.639	ng		98
91) Dibenzo(a,h)anthracene	29.449	278	592705	40.761	ng		100
92) Benzo(g,h,i)perylene	30.624	276	581709	39.852	ng		99

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

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