Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021021\
Data File : BG048132.D
Acq On : 10 Feb 2021 15:35
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
2/11/2021 9:49:26 AM

Quant Time: Feb 10 16:46:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 15:05:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.102	152	53758	20.00	ng		0.00
21) Naphthalene-d8	10.917	136	206226	20.00	ng		0.00
39) Acenaphthene-d10	14.730	164	159963	20.00	ng		0.00
64) Phenanthrene-d10	17.468	188	387595	20.00	ng		0.00
76) Chrysene-d12	21.745	240	383701	20.00	ng	#	0.00
86) Perylene-d12	25.006	264	389798	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.658	112	356622	101.95	ng		0.00
7) Phenol-d6	7.256	99	536554	100.89	ng		0.00
23) Nitrobenzene-d5	9.272	82	554631	106.41	ng		0.00
42) 2,4,6-Tribromophenol	16.216	330	291109	109.26	ng		0.00
45) 2-Fluorobiphenyl	13.355	172	1232077	99.58	ng		0.00
79) Terphenyl-d14	20.071	244	2137815	96.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.549	88	79322	50.87	ng		96
3) Pyridine	3.948	79	240584	51.40	ng		90
4) n-Nitrosodimethylamine	3.860	42	121129	56.01	ng	#	78
6) Aniline	7.427	93	323161	50.30	ng		93
8) 2-Chlorophenol	7.668	128	191627	52.33	ng		91
9) Benzaldehyde	7.239	77	177517	65.07	ng		85
10) Phenol	7.280	94	271015	53.16	ng		77
11) bis(2-Chloroethyl)ether	7.521	93	206156	51.63	ng		94
12) 1,3-Dichlorobenzene	7.991	146	221347	50.08	ng	#	88
13) 1,4-Dichlorobenzene	8.138	146	223295	50.40	ng		95
14) 1,2-Dichlorobenzene	8.461	146	211508	50.02	ng		93
15) Benzyl Alcohol	8.337	79	244427	54.32	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.631	45	265721	47.42	ng		93
17) 2-Methylphenol	8.537	107	179086	51.98	ng	#	86
18) Hexachloroethane	9.195	117	87148	50.42	ng		94
19) n-Nitroso-di-n-propyla...	8.913	70	205746	53.00	ng	#	96
20) 3+4-Methylphenols	8.866	107	248332	52.10	ng		90
22) Acetophenone	8.925	105	332714	52.35	ng	#	91
24) Nitrobenzene	9.313	77	296004	56.71	ng	#	87
25) Isophorone	9.836	82	551988	59.02	ng	#	94
26) 2-Nitrophenol	10.024	139	126850	59.06	ng	#	73
27) 2,4-Dimethylphenol	10.077	122	178545	57.21	ng		86
28) bis(2-Chloroethoxy)met...	10.312	93	269043	47.81	ng		94
29) 2,4-Dichlorophenol	10.558	162	232542	57.91	ng		97
30) 1,2,4-Trichlorobenzene	10.776	180	260180	53.60	ng		97
31) Naphthalene	10.970	128	642125	53.85	ng		98
32) Benzoic acid	10.235	122	154544	55.30	ng	#	82
33) 4-Chloroaniline	11.069	127	284414	52.19	ng	#	91
34) Hexachlorobutadiene	11.252	225	195057	56.58	ng		97
35) Caprolactam	11.857	113	74644m	48.84	ng		
36) 4-Chloro-3-methylphenol	12.180	107	252415	56.03	ng		89
37) 2-Methylnaphthalene	12.562	142	499690	55.48	ng	#	90
38) 1-Methylnaphthalene	12.785	142	468449	54.52	ng	#	100
40) 1,2,4,5-Tetrachloroben...	12.926	216	321704	52.76	ng	#	97
41) Hexachlorocyclopentadiene	12.909	237	210737	61.01	ng		99
43) 2,4,6-Trichlorophenol	13.161	196	234889	55.23	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.232	196	249506	56.61	ng	#	94
46) 1,1'-Biphenyl	13.567	154	627702	50.76	ng		100
47) 2-Chloronaphthalene	13.608	162	537523	49.95	ng		96
48) 2-Nitroaniline	13.807	65	198693	50.87	ng	#	75
49) Acenaphthylene	14.454	152	815062	51.31	ng		99
50) Dimethylphthalate	14.183	163	721808	49.85	ng		99
51) 2,6-Dinitrotoluene	14.301	165	166205	55.22	ng	#	76
52) Acenaphthene	14.795	154	575325	53.51	ng		99
53) 3-Nitroaniline	14.630	138	160434	48.59	ng		82
54) 2,4-Dinitrophenol	14.830	184	122652	65.17	ng	#	66
55) Dibenzofuran	15.129	168	854821	52.41	ng		94
56) 4-Nitrophenol	14.924	139	138210	53.65	ng	#	51
57) 2,4-Dinitrotoluene	15.082	165	237785	54.70	ng	#	74
58) Fluorene	15.776	166	678559	51.75	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.347	232	247534	56.16	ng	#	97
60) Diethylphthalate	15.541	149	734631	49.35	ng		95
61) 4-Chlorophenyl-phenyle...	15.764	204	417391	51.98	ng		97
62) 4-Nitroaniline	15.793	138	166609	46.33	ng	#	56
63) Azobenzene	16.058	77	739320	52.76	ng		90
65) 4,6-Dinitro-2-methylph...	15.846	198	171511	68.56	ng		82
66) n-Nitrosodiphenylamine	15.981	169	633425	54.38	ng		100
67) 4-Bromophenyl-phenylether	16.657	248	288459	55.69	ng		94
68) Hexachlorobenzene	16.775	284	293982	52.20	ng		97
69) Atrazine	16.921	200	260498	58.88	ng		98
70) Pentachlorophenol	17.115	266	207164	60.57	ng		95
71) Phenanthrene	17.515	178	1161757	51.95	ng		98
72) Anthracene	17.603	178	1158214	52.66	ng		99
73) Carbazole	17.867	167	1082599	52.75	ng		98
74) Di-n-butylphthalate	18.426	149	1192402	47.58	ng	#	98
75) Fluoranthene	19.513	202	1477801	50.40	ng		97
77) Benzidine	19.695	184	659119	59.55	ng		99
78) Pyrene	19.877	202	1475006	52.49	ng		99
80) Butylbenzylphthalate	20.752	149	537428	50.08	ng	#	87
81) Benzo(a)anthracene	21.722	228	1460946	52.39	ng		100
82) 3,3'-Dichlorobenzidine	21.634	252	545402	58.04	ng		97
83) Chrysene	21.792	228	1405940	53.06	ng		97
84) Bis(2-ethylhexyl)phtha...	21.622	149	755056	51.37	ng		97
85) Di-n-octyl phthalate	22.850	149	1259837	51.24	ng	#	96
87) Indeno(1,2,3-cd)pyrene	28.737	276	1662619	53.03	ng	#	89
88) Benzo(b)fluoranthene	23.972	252	1521932	54.93	ng	#	98
89) Benzo(k)fluoranthene	24.043	252	1417551	52.66	ng	#	96
90) Benzo(a)pyrene	24.859	252	1403724	53.95	ng	#	98
91) Dibenzo(a,h)anthracene	28.808	278	1395632	53.93	ng	#	95
92) Benzo(g,h,i)perylene	29.906	276	1364486	54.74	ng	#	95

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

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