Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100621\
Data File : BG050468.D
Acq On : 6 Oct 2021 14:52
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
10/8/2021 8:34:53 AM

Quant Time: Oct 06 15:27:37 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 13:49:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.264	152	50810	20.00	ng		0.00
21) Naphthalene-d8	11.090	136	198962	20.00	ng		# 0.00
39) Acenaphthene-d10	14.880	164	131800	20.00	ng		0.00
64) Phenanthrene-d10	17.624	188	289840	20.00	ng		# 0.00
76) Chrysene-d12	21.925	240	256480	20.00	ng		# 0.00
86) Perylene-d12	25.344	264	264968	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.791	112	475280	100.09	ng		0.00
7) Phenol-d6	7.401	99	692352	119.21	ng		0.00
23) Nitrobenzene-d5	9.439	82	701185	200.35	ng		0.00
42) 2,4,6-Tribromophenol	16.367	330	193327	91.44	ng		0.00
45) 2-Fluorobiphenyl	13.505	172	1219667	112.58	ng		0.00
79) Terphenyl-d14	20.215	244	1770397	128.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.664	88	121255	76.87	ng		92
3) Pyridine	4.069	79	340072m	59.58	ng		
4) n-Nitrosodimethylamine	3.981	42	165584	90.33	ng	#	44
6) Aniline	7.583	93	402114	69.91	ng	#	92
8) 2-Chlorophenol	7.824	128	230045	64.44	ng		88
10) Phenol	7.430	94	331151	60.57	ng		87
11) bis(2-Chloroethyl)ether	7.671	93	254787	70.96	ng		85
12) 1,3-Dichlorobenzene	8.153	146	265847	67.87	ng		94
13) 1,4-Dichlorobenzene	8.300	146	265984	66.28	ng		97
14) 1,2-Dichlorobenzene	8.623	146	249234	65.74	ng		95
15) Benzyl Alcohol	8.499	79	285469	83.82	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.781	45	412338	138.63	ng		85
17) 2-Methylphenol	8.687	107	223827	73.38	ng		94
18) Hexachloroethane	9.357	117	103393	75.22	ng		94
19) n-Nitroso-di-n-propyla...	9.069	70	249188	90.00	ng	#	91
20) 3+4-Methylphenols	9.022	107	319661	89.90	ng		95
22) Acetophenone	9.093	105	404754	88.35	ng	#	98
24) Nitrobenzene	9.481	77	345191	97.32	ng		96
25) Isophorone	10.003	82	626534	87.00	ng	#	96
26) 2-Nitrophenol	10.191	139	137035	71.85	ng		93
27) 2,4-Dimethylphenol	10.233	122	223590	86.21	ng		92
28) bis(2-Chloroethoxy)met...	10.479	93	352289	103.04	ng	#	91
29) 2,4-Dichlorophenol	10.720	162	237836	80.47	ng		95
30) 1,2,4-Trichlorobenzene	10.944	180	259559	70.60	ng		93
31) Naphthalene	11.137	128	767768	72.21	ng		96
32) Benzoic acid	10.391	122	195274	301.52	ng	#	74
33) 4-Chloroaniline	11.243	127	325594	78.95	ng		98
34) Hexachlorobutadiene	11.414	225	163144	58.09	ng		93
35) Caprolactam	12.030	113	89624	79.46	ng	#	60
36) 4-Chloro-3-methylphenol	12.336	107	291391	73.01	ng	#	88
37) 2-Methylnaphthalene	12.724	142	531235	70.44	ng		94
38) 1-Methylnaphthalene	12.941	142	512119	71.49	ng		92
40) 1,2,4,5-Tetrachloroben...	13.082	216	285018	53.45	ng		98
41) Hexachlorocyclopentadiene	13.059	237	175964	197.78	ng		91
43) 2,4,6-Trichlorophenol	13.317	196	210085	69.27	ng		95
44) 2,4,5-Trichlorophenol	13.388	196	219230	69.41	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.717	154	690521	64.18	ng		92
47) 2-Chloronaphthalene	13.770	162	534627	64.75	ng		99
48) 2-Nitroaniline	13.963	65	226101	91.52	ng		96
49) Acenaphthylene	14.610	152	864951	67.92	ng		98
50) Dimethylphthalate	14.328	163	712919	68.02	ng		99
51) 2,6-Dinitrotoluene	14.451	165	150972	63.30	ng		93
52) Acenaphthene	14.945	154	575857	75.01	ng		95
53) 3-Nitroaniline	14.786	138	177857	79.57	ng		88
54) 2,4-Dinitrophenol	14.986	184	101685	105.39	ng		88
55) Dibenzofuran	15.280	168	847517	67.49	ng		99
56) 4-Nitrophenol	15.068	139	145040	117.16	ng	#	82
57) 2,4-Dinitrotoluene	15.233	165	215827	65.18	ng		93
58) Fluorene	15.926	166	653517	64.29	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.497	232	191735	71.53	ng		96
60) Diethylphthalate	15.679	149	747307	71.17	ng		97
61) 4-Chlorophenyl-phenyle...	15.908	204	369097	68.32	ng		98
62) 4-Nitroaniline	15.944	138	181192	76.90	ng	#	70
63) Azobenzene	16.202	77	848942	84.86	ng		84
65) 4,6-Dinitro-2-methylph...	15.996	198	139675	80.92	ng		89
66) n-Nitrosodiphenylamine	16.126	169	595975	67.90	ng		95
67) 4-Bromophenyl-phenylether	16.807	248	221277	57.63	ng		98
68) Hexachlorobenzene	16.925	284	217866	51.23	ng	#	92
69) Atrazine	17.066	200	231515	67.80	ng		96
70) Pentachlorophenol	17.265	266	158517	133.36	ng		95
71) Phenanthrene	17.671	178	1082501	65.73	ng		98
72) Anthracene	17.759	178	1068894	66.46	ng		97
73) Carbazole	18.023	167	1058357	68.89	ng		96
74) Di-n-butylphthalate	18.564	149	1242379	69.67	ng		97
75) Fluoranthene	19.663	202	1276965	59.88	ng		93
77) Benzidine	19.833	184	550732	95.20	ng		96
78) Pyrene	20.027	202	1267052	74.10	ng		94
80) Butylbenzylphthalate	20.897	149	570408	87.47	ng		95
81) Benzo(a)anthracene	21.907	228	1207131	69.85	ng		98
82) 3,3'-Dichlorobenzidine	21.813	252	407228	75.18	ng	#	98
83) Chrysene	21.978	228	1128808	68.13	ng		92
84) Bis(2-ethylhexyl)phtha...	21.784	149	812631	85.89	ng		99
85) Di-n-octyl phthalate	23.065	149	1362608	78.78	ng		95
87) Indeno(1,2,3-cd)pyrene	29.275	276	1373771	57.04	ng	#	93
88) Benzo(b)fluoranthene	24.251	252	1190070	67.49	ng	#	93
89) Benzo(k)fluoranthene	24.322	252	1146954	66.78	ng	#	95
90) Benzo(a)pyrene	25.180	252	1022182	59.23	ng	#	93
91) Dibenzo(a,h)anthracene	29.351	278	1115593	55.83	ng	#	90
92) Benzo(g,h,i)perylene	30.515	276	1112665	56.87	ng	#	89

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

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