Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050500.D
Acq On : 8 Oct 2021 2:40
Operator : CG/JU
Sample : M4131-03MSD 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS-06(NA)MSD

Manual Integrations APPROVED
mohammad
10/11/2021 2:07:31 PM

Quant Time: Oct 08 05:48:01 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 15:51:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.261	152	56802	20.00	ng		0.00
21) Naphthalene-d8	11.087	136	249057	20.00	ng		# 0.00
39) Acenaphthene-d10	14.877	164	164650	20.00	ng		0.00
64) Phenanthrene-d10	17.621	188	321234	20.00	ng		# 0.00
76) Chrysene-d12	21.927	240	269005	20.00	ng		# 0.00
86) Perylene-d12	25.347	264	269619	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.793	112	61696	16.24	ng		0.00
7) Phenol-d6	7.397	99	89272	16.23	ng		0.00
23) Nitrobenzene-d5	9.430	82	66230	11.01	ng		0.00
42) 2,4,6-Tribromophenol	16.363	330	24263	15.45	ng		0.00
45) 2-Fluorobiphenyl	13.502	172	130713	11.95	ng		0.00
79) Terphenyl-d14	20.212	244	168721	12.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.661	88	10964	5.57	ng		97
3) Pyridine	4.072	79	27663	5.15	ng		93
4) n-Nitrosodimethylamine	3.978	42	18669	7.37	ng	#	58
6) Aniline	7.580	93	40788	6.38	ng	#	94
8) 2-Chlorophenol	7.820	128	33580	9.18	ng		87
9) Benzaldehyde	7.391	77	26692	3.13	ng		89
10) Phenol	7.427	94	48861	9.14	ng		85
11) bis(2-Chloroethyl)ether	7.668	93	36241	8.68	ng		89
12) 1,3-Dichlorobenzene	8.149	146	34676	8.21	ng		95
13) 1,4-Dichlorobenzene	8.296	146	35669	8.38	ng		97
14) 1,2-Dichlorobenzene	8.619	146	33937	8.35	ng		98
15) Benzyl Alcohol	8.490	79	38071	8.76	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.784	45	55798	8.20	ng		85
17) 2-Methylphenol	8.690	107	32420	9.22	ng	#	91
18) Hexachloroethane	9.360	117	9315	5.78	ng		84
19) n-Nitroso-di-n-propyla...	9.060	70	32395	8.08	ng	#	86
20) 3+4-Methylphenols	9.019	107	45978	9.29	ng		92
22) Acetophenone	9.084	105	55562	7.85	ng	#	99
24) Nitrobenzene	9.471	77	47830	8.00	ng		94
25) Isophorone	9.994	82	82814	7.76	ng	#	96
26) 2-Nitrophenol	10.194	139	18175	8.27	ng	#	87
27) 2,4-Dimethylphenol	10.235	122	36612	9.65	ng		94
28) bis(2-Chloroethoxy)met...	10.470	93	48448	7.94	ng		95
29) 2,4-Dichlorophenol	10.723	162	33960	8.78	ng		94
30) 1,2,4-Trichlorobenzene	10.946	180	36410	8.29	ng		95
31) Naphthalene	11.140	128	114171	8.56	ng		99
32) Benzoic acid	10.300	122	25103	8.91	ng	#	80
33) 4-Chloroaniline	11.240	127	34332	6.14	ng		96
34) Hexachlorobutadiene	11.410	225	21841	7.92	ng	#	87
35) Caprolactam	11.992	113	11554	7.80	ng	#	60
36) 4-Chloro-3-methylphenol	12.333	107	40925	8.46	ng	#	84
37) 2-Methylnaphthalene	12.726	142	82250	8.94	ng		96
38) 1-Methylnaphthalene	12.938	142	75253	8.44	ng		91
40) 1,2,4,5-Tetrachloroben...	13.079	216	41868	8.61	ng		97
43) 2,4,6-Trichlorophenol	13.314	196	29351	8.57	ng		88
44) 2,4,5-Trichlorophenol	13.384	196	31050	8.67	ng		89

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.714	154	99627	8.30	ng		96
47) 2-Chloronaphthalene	13.761	162	79901	8.66	ng		97
48) 2-Nitroaniline	13.954	65	30846	8.41	ng		94
49) Acenaphthylene	14.607	152	128086	8.48	ng		96
50) Dimethylphthalate	14.319	163	96600	7.76	ng	#	96
51) 2,6-Dinitrotoluene	14.442	165	20315	8.15	ng		93
52) Acenaphthene	14.941	154	84267m	8.68	ng		
53) 3-Nitroaniline	14.777	138	16845	5.71	ng	#	78
54) 2,4-Dinitrophenol	14.977	184	16360	10.58	ng		92
55) Dibenzofuran	15.276	168	123591	8.23	ng		97
56) 4-Nitrophenol	15.065	139	37785	15.93	ng	#	78
57) 2,4-Dinitrotoluene	15.224	165	28240	8.04	ng	#	92
58) Fluorene	15.923	166	95741	8.30	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.494	232	24341	7.80	ng	#	96
60) Diethylphthalate	15.670	149	102529	7.84	ng		95
61) 4-Chlorophenyl-phenyle...	15.905	204	49022	7.77	ng		98
62) 4-Nitroaniline	15.929	138	18282	5.96	ng	#	65
63) Azobenzene	16.199	77	118056	7.80	ng		80
65) 4,6-Dinitro-2-methylph...	15.987	198	11834	6.13	ng		80
66) n-Nitrosodiphenylamine	16.122	169	82753	9.07	ng		98
67) 4-Bromophenyl-phenylether	16.798	248	28023	8.66	ng		95
68) Hexachlorobenzene	16.922	284	28814	8.96	ng		94
69) Atrazine	17.063	200	30367	8.45	ng		97
70) Pentachlorophenol	17.262	266	33258	15.19	ng		95
71) Phenanthrene	17.668	178	165310	9.77	ng		97
72) Anthracene	17.756	178	151612	9.01	ng		99
73) Carbazole	18.020	167	129559	7.73	ng		100
74) Di-n-butylphthalate	18.561	149	148549	7.55	ng		97
75) Fluoranthene	19.671	202	231658	11.13	ng		95
78) Pyrene	20.024	202	240198	12.59	ng		100
80) Butylbenzylphthalate	20.893	149	63920	7.92	ng		92
81) Benzo(a)anthracene	21.904	228	190966	10.73	ng		99
83) Chrysene	21.974	228	184420	11.01	ng		96
84) Bis(2-ethylhexyl)phtha...	21.786	149	101785	8.87	ng	#	97
85) Di-n-octyl phthalate	23.067	149	161445	8.44	ng		98
87) Indeno(1,2,3-cd)pyrene	29.278	276	146749	7.81	ng	#	88
88) Benzo(b)fluoranthene	24.254	252	201619	12.21	ng	#	93
89) Benzo(k)fluoranthene	24.325	252	170521	10.50	ng	#	96
90) Benzo(a)pyrene	25.177	252	174989	12.46	ng	#	92
91) Dibenzo(a,h)anthracene	29.342	278	109863	7.07	ng	#	89
92) Benzo(g,h,i)perylene	30.506	276	114517	7.53	ng	#	87

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

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