Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100821\
Data File : BG050524.D
Acq On : 9 Oct 2021 1:10
Operator : CG/JU
Sample : M4081-03MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-237MS

Manual Integrations APPROVED
mohammad
10/11/2021 2:10:30 PM

Quant Time: Oct 09 01:59:21 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	8.259	152	56364	20.00	ng		0.00
21) Naphthalene-d8	11.085	136	242411	20.00	ng		# 0.00
39) Acenaphthene-d10	14.881	164	158985	20.00	ng		0.00
64) Phenanthrene-d10	17.619	188	334152	20.00	ng		# 0.00
76) Chrysene-d12	21.926	240	287328	20.00	ng		# 0.00
86) Perylene-d12	25.339	264	286718	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.797	112	428276	113.64	ng		0.00
7) Phenol-d6	7.401	99	579796	106.26	ng		0.00
23) Nitrobenzene-d5	9.434	82	410057	70.02	ng		0.00
42) 2,4,6-Tribromophenol	16.362	330	151554	99.94	ng		0.00
45) 2-Fluorobiphenyl	13.506	172	573988	54.34	ng		0.00
79) Terphenyl-d14	20.210	244	688322	46.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.659	88	58024	29.73	ng		91
3) Pyridine	4.070	79	141448	26.53	ng	#	92
4) n-Nitrosodimethylamine	3.982	42	98405	39.16	ng	#	56
6) Aniline	7.578	93	214577	33.85	ng	#	90
8) 2-Chlorophenol	7.819	128	165457	45.60	ng		87
9) Benzaldehyde	7.390	77	131260	37.89	ng		90
10) Phenol	7.431	94	228826	43.13	ng		87
11) bis(2-Chloroethyl)ether	7.672	93	168003	40.57	ng		85
12) 1,3-Dichlorobenzene	8.148	146	169404	40.44	ng		96
13) 1,4-Dichlorobenzene	8.294	146	170403	40.35	ng		93
14) 1,2-Dichlorobenzene	8.618	146	168357	41.74	ng		96
15) Benzyl Alcohol	8.494	79	186569	43.27	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.776	45	277444	41.08	ng		85
17) 2-Methylphenol	8.694	107	153510	43.97	ng		94
18) Hexachloroethane	9.352	117	68507	42.86	ng		94
19) n-Nitroso-di-n-propyla...	9.064	70	156500	39.35	ng	#	92
20) 3+4-Methylphenols	9.017	107	209659	42.67	ng		94
22) Acetophenone	9.088	105	260328	37.77	ng	#	98
24) Nitrobenzene	9.475	77	230641	39.61	ng		95
25) Isophorone	9.998	82	399713	38.48	ng	#	96
26) 2-Nitrophenol	10.186	139	91151	42.63	ng		92
27) 2,4-Dimethylphenol	10.233	122	162455	43.98	ng		94
28) bis(2-Chloroethoxy)met...	10.474	93	221872	37.36	ng		93
29) 2,4-Dichlorophenol	10.721	162	158288	42.04	ng		96
30) 1,2,4-Trichlorobenzene	10.944	180	165697	38.74	ng		98
31) Naphthalene	11.138	128	509333	39.25	ng		97
32) Benzoic acid	10.374	122	111186	40.56	ng	#	76
33) 4-Chloroaniline	11.238	127	114194	20.98	ng		98
34) Hexachlorobutadiene	11.409	225	105708	39.37	ng		96
35) Caprolactam	12.020	113	57617m	39.99	ng		
36) 4-Chloro-3-methylphenol	12.337	107	191267	40.64	ng	#	90
37) 2-Methylnaphthalene	12.725	142	363132	40.56	ng		94
38) 1-Methylnaphthalene	12.942	142	331195	38.15	ng		92
40) 1,2,4,5-Tetrachloroben...	13.083	216	185502	39.51	ng		98
41) Hexachlorocyclopentadiene	13.060	237	203928	75.16	ng		91
43) 2,4,6-Trichlorophenol	13.318	196	131270	39.68	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.389	196	137888	39.86	ng		93
46) 1,1'-Biphenyl	13.718	154	439957	37.94	ng		94
47) 2-Chloronaphthalene	13.765	162	349239	39.22	ng		98
48) 2-Nitroaniline	13.958	65	144315	40.74	ng		96
49) Acenaphthylene	14.605	152	566239	38.81	ng		98
50) Dimethylphthalate	14.323	163	448525	37.32	ng		100
51) 2,6-Dinitrotoluene	14.446	165	96998	40.30	ng		94
52) Acenaphthene	14.946	154	405679m	43.27	ng		
53) 3-Nitroaniline	14.781	138	82609	29.01	ng		90
54) 2,4-Dinitrophenol	14.981	184	109142	73.09	ng		95
55) Dibenzofuran	15.275	168	535443	36.93	ng		97
56) 4-Nitrophenol	15.075	139	175407	76.59	ng	#	83
57) 2,4-Dinitrotoluene	15.233	165	136743	40.31	ng		95
58) Fluorene	15.921	166	422585	37.94	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.492	232	113245	37.59	ng		93
60) Diethylphthalate	15.674	149	467328	37.01	ng		98
61) 4-Chlorophenyl-phenyle...	15.909	204	229078	37.59	ng		99
62) 4-Nitroaniline	15.938	138	105095	35.48	ng	#	69
63) Azobenzene	16.203	77	534086	36.54	ng		83
65) 4,6-Dinitro-2-methylph...	15.991	198	72657	36.20	ng		92
66) n-Nitrosodiphenylamine	16.121	169	379060	39.92	ng		97
67) 4-Bromophenyl-phenylether	16.802	248	137143	40.73	ng		99
68) Hexachlorobenzene	16.920	284	136408	40.76	ng	#	94
69) Atrazine	17.061	200	150877	40.34	ng		98
70) Pentachlorophenol	17.266	266	171926	75.47	ng		97
71) Phenanthrene	17.666	178	695068	39.47	ng		98
72) Anthracene	17.760	178	694639	39.70	ng		98
73) Carbazole	18.024	167	634196	36.37	ng		98
74) Di-n-butylphthalate	18.559	149	781305	38.18	ng		97
75) Fluoranthene	19.658	202	826194	38.17	ng		96
77) Benzidine	19.834	184	292564	31.42	ng		97
78) Pyrene	20.022	202	825487	40.49	ng		96
80) Butylbenzylphthalate	20.892	149	344159	39.91	ng		94
81) Benzo(a)anthracene	21.902	228	743836	39.12	ng		99
82) 3,3'-Dichlorobenzidine	21.808	252	206729	32.81	ng	#	99
83) Chrysene	21.973	228	708754	39.63	ng		94
84) Bis(2-ethylhexyl)phtha...	21.779	149	492882	40.23	ng		98
85) Di-n-octyl phthalate	23.060	149	834904	40.86	ng	#	95
87) Indeno(1,2,3-cd)pyrene	29.270	276	804917	40.31	ng	#	92
88) Benzo(b)fluoranthene	24.246	252	754826	42.99	ng	#	93
89) Benzo(k)fluoranthene	24.323	252	688621	39.86	ng	#	97
90) Benzo(a)pyrene	25.181	252	716069	47.96	ng	#	94
91) Dibenzo(a,h)anthracene	29.340	278	678583	41.08	ng	#	91
92) Benzo(g,h,i)perylene	30.510	276	672124	41.55	ng	#	92

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

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