Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102021\
Data File : BG050650.D
Acq On : 20 Oct 2021 18:09
Operator : CG/JU
Sample : M4285-04MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-EB-(1)MS

Manual Integrations APPROVED
mohammad
10/21/2021 11:18:16 AM

Quant Time: Oct 20 18:55:15 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.248	152	39542	20.00	ng		-0.01
21) Naphthalene-d8	11.074	136	159487	20.00	ng		#-0.01
39) Acenaphthene-d10	14.869	164	103975	20.00	ng		0.00
64) Phenanthrene-d10	17.613	188	230832	20.00	ng		# 0.00
76) Chrysene-d12	21.914	240	216579	20.00	ng		#-0.01
86) Perylene-d12	25.322	264	223064	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.792	112	273587	103.47	ng		0.00
7) Phenol-d6	7.396	99	364357	95.18	ng		0.00
23) Nitrobenzene-d5	9.423	82	253229	65.73	ng		0.00
42) 2,4,6-Tribromophenol	16.350	330	95950	96.75	ng		-0.01
45) 2-Fluorobiphenyl	13.494	172	449795	65.11	ng		-0.01
79) Terphenyl-d14	20.198	244	745262	67.06	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.647	88	51734	37.78	ng		91
3) Pyridine	4.052	79	118928	31.79	ng	#	94
4) n-Nitrosodimethylamine	3.970	42	76752	43.54	ng	#	36
6) Aniline	7.566	93	145031	32.61	ng	#	93
8) 2-Chlorophenol	7.813	128	122371	48.07	ng		88
9) Benzaldehyde	7.384	77	92093	37.90	ng		89
10) Phenol	7.419	94	172281	46.29	ng		86
11) bis(2-Chloroethyl)ether	7.660	93	125369	43.16	ng		84
12) 1,3-Dichlorobenzene	8.136	146	130083	44.27	ng		96
13) 1,4-Dichlorobenzene	8.283	146	131123	44.26	ng		96
14) 1,2-Dichlorobenzene	8.606	146	124181	43.88	ng		95
15) Benzyl Alcohol	8.483	79	135322	44.73	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.770	45	203066	42.86	ng		85
17) 2-Methylphenol	8.682	107	112079	45.76	ng		92
18) Hexachloroethane	9.340	117	51231	45.69	ng		90
19) n-Nitroso-di-n-propyla...	9.053	70	113272	40.60	ng	#	89
20) 3+4-Methylphenols	9.011	107	154400	44.79	ng		94
22) Acetophenone	9.076	105	193600	42.70	ng	#	96
24) Nitrobenzene	9.464	77	171268	44.71	ng		95
25) Isophorone	9.987	82	288200	42.17	ng	#	96
26) 2-Nitrophenol	10.175	139	66096	46.99	ng		94
27) 2,4-Dimethylphenol	10.222	122	123658	50.88	ng		93
28) bis(2-Chloroethoxy)met...	10.463	93	164025	41.98	ng	#	91
29) 2,4-Dichlorophenol	10.709	162	115428	46.60	ng		97
30) 1,2,4-Trichlorobenzene	10.933	180	117965	41.92	ng		97
31) Naphthalene	11.127	128	374352	43.85	ng		98
32) Benzoic acid	10.357	122	70722	39.21	ng	#	75
33) 4-Chloroaniline	11.226	127	86055	24.03	ng		94
34) Hexachlorobutadiene	11.397	225	74077	41.93	ng		96
35) Caprolactam	11.996	113	43979m	46.39	ng		
36) 4-Chloro-3-methylphenol	12.331	107	137367	44.37	ng	#	94
37) 2-Methylnaphthalene	12.713	142	261023	44.31	ng		93
38) 1-Methylnaphthalene	12.930	142	240975	42.19	ng		93
40) 1,2,4,5-Tetrachloroben...	13.071	216	130033	42.35	ng		96
41) Hexachlorocyclopentadiene	13.048	237	165565	93.30	ng		93
43) 2,4,6-Trichlorophenol	13.306	196	94266	43.57	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.377	196	102641	45.37	ng		92
46) 1,1'-Biphenyl	13.706	154	319912	42.18	ng		95
47) 2-Chloronaphthalene	13.753	162	251912	43.26	ng		97
48) 2-Nitroaniline	13.953	65	105845	45.69	ng		91
49) Acenaphthylene	14.593	152	417393	43.74	ng		97
50) Dimethylphthalate	14.311	163	336211	42.78	ng		99
51) 2,6-Dinitrotoluene	14.440	165	73316	46.58	ng		88
52) Acenaphthene	14.934	154	296729m	48.39	ng		
53) 3-Nitroaniline	14.769	138	54089	29.05	ng		90
54) 2,4-Dinitrophenol	14.975	184	87082	89.17	ng		89
55) Dibenzofuran	15.263	168	393522	41.50	ng		98
56) 4-Nitrophenol	15.069	139	136023	90.82	ng	#	83
57) 2,4-Dinitrotoluene	15.222	165	104039	46.89	ng		94
58) Fluorene	15.909	166	312300	42.88	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.486	232	81698	41.46	ng		93
60) Diethylphthalate	15.662	149	352028	42.63	ng		96
61) 4-Chlorophenyl-phenyle...	15.897	204	164380	41.24	ng		99
62) 4-Nitroaniline	15.933	138	83362	43.03	ng	#	68
63) Azobenzene	16.191	77	401276	41.98	ng		82
65) 4,6-Dinitro-2-methylph...	15.986	198	59255	42.74	ng		90
66) n-Nitrosodiphenylamine	16.109	169	281688	42.95	ng		96
67) 4-Bromophenyl-phenylether	16.791	248	98442	42.32	ng		99
68) Hexachlorobenzene	16.914	284	101625	43.96	ng	#	91
69) Atrazine	17.049	200	118488	45.86	ng		97
70) Pentachlorophenol	17.255	266	130097	82.67	ng		95
71) Phenanthrene	17.654	178	537805	44.21	ng		98
72) Anthracene	17.748	178	546452	45.21	ng		98
73) Carbazole	18.013	167	514847	42.74	ng		98
74) Di-n-butylphthalate	18.547	149	628196	44.43	ng		98
75) Fluoranthene	19.652	202	663461	44.37	ng		96
77) Benzidine	19.828	184	344424	49.07	ng		98
78) Pyrene	20.016	202	668906	43.53	ng		97
80) Butylbenzylphthalate	20.880	149	298640	45.95	ng		94
81) Benzo(a)anthracene	21.890	228	626913	43.75	ng		100
82) 3,3'-Dichlorobenzidine	21.796	252	130563	27.49	ng	#	98
83) Chrysene	21.961	228	604109	44.81	ng		95
84) Bis(2-ethylhexyl)phtha...	21.767	149	430471	46.61	ng	#	97
85) Di-n-octyl phthalate	23.042	149	731672	47.50	ng		96
87) Indeno(1,2,3-cd)pyrene	29.235	276	696442	44.83	ng	#	88
88) Benzo(b)fluoranthene	24.235	252	647493	47.40	ng	#	94
89) Benzo(k)fluoranthene	24.305	252	600409	44.68	ng	#	97
90) Benzo(a)pyrene	25.163	252	618653	53.26	ng	#	95
91) Dibenzo(a,h)anthracene	29.311	278	583657	45.42	ng	#	91
92) Benzo(g,h,i)perylene	30.474	276	581014	46.16	ng	#	90

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

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