Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050489.D
Acq On : 7 Oct 2021 19:04
Operator : CG/JU
Sample : M4113-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-2MSD

Manual Integrations APPROVED
mohammad
10/11/2021 12:54:45 PM

Quant Time: Oct 08 05:45:29 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	8.258	152	44092	20.00	ng		0.00
21) Naphthalene-d8	11.084	136	193410	20.00	ng		# 0.00
39) Acenaphthene-d10	14.880	164	137953	20.00	ng		0.00
64) Phenanthrene-d10	17.623	188	305061	20.00	ng		# 0.00
76) Chrysene-d12	21.924	240	266644	20.00	ng		# 0.00
86) Perylene-d12	25.332	264	270533	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.790	112	332990	112.95	ng		0.00
7) Phenol-d6	7.394	99	462059	108.25	ng		0.00
23) Nitrobenzene-d5	9.427	82	322351	68.99	ng		0.00
42) 2,4,6-Tribromophenol	16.360	330	136081	103.42	ng		0.00
45) 2-Fluorobiphenyl	13.505	172	590697	64.44	ng		0.00
79) Terphenyl-d14	20.209	244	888621	64.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.657	88	56811	37.21	ng		90
3) Pyridine	4.063	79	130842	31.37	ng		95
4) n-Nitrosodimethylamine	3.975	42	88621	45.08	ng	#	52
6) Aniline	7.576	93	195699	39.46	ng		91
8) 2-Chlorophenol	7.817	128	147624	52.01	ng		87
9) Benzaldehyde	7.388	77	113850	42.63	ng		91
10) Phenol	7.424	94	213565	51.46	ng		85
11) bis(2-Chloroethyl)ether	7.670	93	146562	45.24	ng		86
12) 1,3-Dichlorobenzene	8.146	146	149284	45.56	ng		96
13) 1,4-Dichlorobenzene	8.293	146	148209	44.86	ng		98
14) 1,2-Dichlorobenzene	8.616	146	145183	46.01	ng		94
15) Benzyl Alcohol	8.493	79	172137	51.03	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.775	45	245167	46.41	ng		84
17) 2-Methylphenol	8.687	107	142771	52.28	ng		94
18) Hexachloroethane	9.357	117	58532	46.81	ng		95
19) n-Nitroso-di-n-propyla...	9.063	70	145534	46.78	ng	#	89
20) 3+4-Methylphenols	9.016	107	194238	50.53	ng		98
22) Acetophenone	9.086	105	236481	43.01	ng	#	97
24) Nitrobenzene	9.474	77	210749	45.36	ng		96
25) Isophorone	9.997	82	371192	44.79	ng	#	96
26) 2-Nitrophenol	10.185	139	81913	48.02	ng	#	91
27) 2,4-Dimethylphenol	10.232	122	161169	54.69	ng		92
28) bis(2-Chloroethoxy)met...	10.473	93	205713	43.41	ng		92
29) 2,4-Dichlorophenol	10.720	162	148667	49.49	ng		95
30) 1,2,4-Trichlorobenzene	10.943	180	145290	42.58	ng		98
31) Naphthalene	11.137	128	458145	44.25	ng		99
32) Benzoic acid	10.361	122	113756	52.01	ng	#	82
33) 4-Chloroaniline	11.237	127	94562	21.77	ng		98
34) Hexachlorobutadiene	11.407	225	90824	42.40	ng		96
35) Caprolactam	12.012	113	58374m	50.78	ng		
36) 4-Chloro-3-methylphenol	12.330	107	185638	49.44	ng	#	88
37) 2-Methylnaphthalene	12.723	142	333100	46.63	ng		93
38) 1-Methylnaphthalene	12.941	142	308747	44.57	ng		94
40) 1,2,4,5-Tetrachloroben...	13.082	216	170748	41.91	ng		97
41) Hexachlorocyclopentadiene	13.058	237	233481	99.17	ng		93
43) 2,4,6-Trichlorophenol	13.311	196	129127	44.98	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.381	196	143141	47.69	ng		89
46) 1,1'-Biphenyl	13.716	154	420564	41.80	ng		94
47) 2-Chloronaphthalene	13.763	162	331563	42.91	ng		99
48) 2-Nitroaniline	13.957	65	143141	46.57	ng		96
49) Acenaphthylene	14.603	152	561444	44.35	ng		97
50) Dimethylphthalate	14.321	163	448044	42.97	ng		100
51) 2,6-Dinitrotoluene	14.445	165	96453	46.18	ng		94
52) Acenaphthene	14.944	154	401195m	49.32	ng		
53) 3-Nitroaniline	14.774	138	65529	26.52	ng		88
54) 2,4-Dinitrophenol	14.979	184	122173	94.29	ng		91
55) Dibenzofuran	15.273	168	523153	41.58	ng		99
56) 4-Nitrophenol	15.068	139	179869	90.51	ng	#	82
57) 2,4-Dinitrotoluene	15.226	165	137914	46.85	ng		92
58) Fluorene	15.920	166	422077	43.67	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.491	232	117147	44.81	ng		96
60) Diethylphthalate	15.679	149	464246	42.37	ng		98
61) 4-Chlorophenyl-phenyle...	15.908	204	227665	43.05	ng		98
62) 4-Nitroaniline	15.937	138	107067	41.66	ng	#	70
63) Azobenzene	16.202	77	538490	42.46	ng		84
65) 4,6-Dinitro-2-methylph...	15.990	198	78694	42.95	ng		91
66) n-Nitrosodiphenylamine	16.119	169	383422	44.23	ng		98
67) 4-Bromophenyl-phenylether	16.801	248	136061	44.26	ng		97
68) Hexachlorobenzene	16.918	284	138892	45.46	ng	#	91
69) Atrazine	17.059	200	157338	46.08	ng		98
70) Pentachlorophenol	17.265	266	187803	90.30	ng		97
71) Phenanthrene	17.665	178	707920	44.04	ng		98
72) Anthracene	17.753	178	714741	44.74	ng		98
73) Carbazole	18.017	167	661633	41.56	ng		100
74) Di-n-butylphthalate	18.558	149	792952	42.44	ng		97
75) Fluoranthene	19.662	202	839466	42.48	ng		96
77) Benzidine	19.833	184	386529	44.73	ng		97
78) Pyrene	20.021	202	836328	44.21	ng		95
80) Butylbenzylphthalate	20.890	149	348821	43.59	ng		92
81) Benzo(a)anthracene	21.901	228	760165	43.08	ng		98
82) 3,3'-Dichlorobenzidine	21.807	252	165896	28.37	ng	#	98
83) Chrysene	21.971	228	726028	43.75	ng		95
84) Bis(2-ethylhexyl)phtha...	21.777	149	512933	45.11	ng	#	95
85) Di-n-octyl phthalate	23.058	149	864357	45.58	ng		96
87) Indeno(1,2,3-cd)pyrene	29.257	276	829467	44.02	ng	#	93
88) Benzo(b)fluoranthene	24.245	252	776391	46.86	ng	#	94
89) Benzo(k)fluoranthene	24.316	252	725549	44.51	ng	#	97
90) Benzo(a)pyrene	25.173	252	739816	52.52	ng	#	93
91) Dibenzo(a,h)anthracene	29.333	278	699261	44.87	ng	#	94
92) Benzo(g,h,i)perylene	30.491	276	687032	45.01	ng	#	91

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

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