Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
Data File : BG052318.D
Acq On : 8 Feb 2022 14:23
Operator : CG/JU
Sample : N1391-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-04-020322MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

Quant Time: Feb 08 14:58:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.230	152	34836	20.000	ng		0.00
21) Naphthalene-d8	11.067	136	148745	20.000	ng	#	0.00
39) Acenaphthene-d10	14.880	164	100638	20.000	ng		0.00
64) Phenanthrene-d10	17.623	188	217320	20.000	ng		0.00
76) Chrysene-d12	21.947	240	185497	20.000	ng		0.00
86) Perylene-d12	25.424	264	187730	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.757	112	215107	107.619	ng		0.00
7) Phenol-d6	7.378	99	311945	101.149	ng		0.00
23) Nitrobenzene-d5	9.399	82	215795	63.052	ng		0.00
42) 2,4,6-Tribromophenol	16.366	330	147574	102.069	ng		0.00
45) 2-Fluorobiphenyl	13.499	172	485964	67.098	ng		0.00
79) Terphenyl-d14	20.220	244	668591	63.647	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.583	88	28291	30.739	ng		96
3) Pyridine	3.995	79	75134	28.147	ng		96
4) n-Nitrosodimethylamine	3.901	42	52433	38.042	ng		90
6) Aniline	7.537	93	111412	31.095	ng		98
8) 2-Chlorophenol	7.789	128	108445	49.320	ng		95
9) Benzaldehyde	7.349	77	81110	50.021	ng		97
10) Phenol	7.402	94	149941	48.933	ng		99
11) bis(2-Chloroethyl)ether	7.631	93	98291	41.965	ng		91
12) 1,3-Dichlorobenzene	8.118	146	115851	46.243	ng		94
13) 1,4-Dichlorobenzene	8.265	146	119666	46.855	ng		96
14) 1,2-Dichlorobenzene	8.588	146	116792	46.368	ng		93
15) Benzyl Alcohol	8.459	79	113821	44.469	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.753	45	141362	41.796	ng		99
17) 2-Methylphenol	8.671	107	95634	47.296	ng		95
18) Hexachloroethane	9.329	117	44365	49.958	ng		94
19) n-Nitroso-di-n-propyla...	9.035	70	90821	39.063	ng		92
20) 3+4-Methylphenols	9.005	107	132096	45.663	ng		95
22) Acetophenone	9.052	105	165277	42.042	ng		94
24) Nitrobenzene	9.446	77	141295	43.523	ng		94
25) Isophorone	9.969	82	252323	43.330	ng		99
26) 2-Nitrophenol	10.163	139	62914	45.721	ng		91
27) 2,4-Dimethylphenol	10.221	122	108515	53.263	ng		93
28) bis(2-Chloroethoxy)met...	10.451	93	135440	40.982	ng		99
29) 2,4-Dichlorophenol	10.709	162	114464	46.872	ng		95
30) 1,2,4-Trichlorobenzene	10.926	180	132084	46.320	ng		96
31) Naphthalene	11.120	128	351591	45.088	ng		98
32) Benzoic acid	10.368	122	71380	53.416	ng		96
33) 4-Chloroaniline	11.220	127	94197	28.934	ng		97
34) Hexachlorobutadiene	11.408	225	88137	45.766	ng		96
35) Caprolactam	11.990	113	37857m	42.539	ng		
36) 4-Chloro-3-methylphenol	12.336	107	129280	46.533	ng		96
37) 2-Methylnaphthalene	12.712	142	262614	45.342	ng		99
38) 1-Methylnaphthalene	12.935	142	248982	44.364	ng	#	99
40) 1,2,4,5-Tetrachloroben...	13.082	216	163889	49.511	ng		99
41) Hexachlorocyclopentadiene	13.059	237	76136	49.871	ng		95
43) 2,4,6-Trichlorophenol	13.311	196	106616	49.248	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.394	196	116095	49.485	ng		92
46) 1,1'-Biphenyl	13.711	154	354714	48.067	ng		99
47) 2-Chloronaphthalene	13.758	162	270248	47.533	ng		97
48) 2-Nitroaniline	13.952	65	93527	46.206	ng		95
49) Acenaphthylene	14.604	152	439970	47.538	ng		99
50) Dimethylphthalate	14.316	163	328463	42.605	ng		99
51) 2,6-Dinitrotoluene	14.439	165	75767	45.543	ng		90
52) Acenaphthene	14.944	154	291296m	48.059	ng		
53) 3-Nitroaniline	14.768	138	63730	36.855	ng		98
54) 2,4-Dinitrophenol	14.980	184	60301	59.846	ng		97
55) Dibenzofuran	15.273	168	409818	42.993	ng		99
56) 4-Nitrophenol	15.080	139	126613	97.498	ng		89
57) 2,4-Dinitrotoluene	15.226	165	106859	45.129	ng		89
58) Fluorene	15.920	166	340531	44.750	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.497	232	99742	44.504	ng		99
60) Diethylphthalate	15.673	149	331507	42.567	ng		99
61) 4-Chlorophenyl-phenyle...	15.902	204	188105	43.396	ng		97
62) 4-Nitroaniline	15.931	138	69375	38.109	ng		90
63) Azobenzene	16.202	77	337425	42.323	ng		94
65) 4,6-Dinitro-2-methylph...	15.996	198	43127	32.989	ng		89
66) n-Nitrosodiphenylamine	16.119	169	296996	49.601	ng		97
67) 4-Bromophenyl-phenylether	16.801	248	123333	46.667	ng		95
68) Hexachlorobenzene	16.936	284	132470	46.214	ng		94
69) Atrazine	17.059	200	120886	49.937	ng		95
70) Pentachlorophenol	17.277	266	156788	111.805	ng		97
71) Phenanthrene	17.670	178	516123	46.070	ng		97
72) Anthracene	17.758	178	518063	47.190	ng		99
73) Carbazole	18.023	167	463120	43.253	ng		99
74) Di-n-butylphthalate	18.569	149	525377	45.035	ng		98
75) Fluoranthene	19.673	202	604583	42.382	ng		99
77) Benzidine	19.838	184	164583	41.523	ng		98
78) Pyrene	20.032	202	602038	48.503	ng		98
80) Butylbenzylphthalate	20.901	149	200965	46.611	ng		97
81) Benzo(a)anthracene	21.923	228	576653	46.978	ng		99
82) 3,3'-Dichlorobenzidine	21.823	252	172831	40.331	ng		98
83) Chrysene	21.994	228	542448	46.634	ng		99
84) Bis(2-ethylhexyl)phtha...	21.800	149	286234	47.878	ng		100
85) Di-n-octyl phthalate	23.098	149	484294	48.316	ng		99
87) Indeno(1,2,3-cd)pyrene	29.431	276	467890	34.059	ng	#	84
88) Benzo(b)fluoranthene	24.308	252	569129	48.650	ng		98
89) Benzo(k)fluoranthene	24.385	252	584638	50.589	ng		97
90) Benzo(a)pyrene	25.260	252	556590	56.323	ng		99
91) Dibenzo(a,h)anthracene	29.513	278	407755	35.930	ng		96
92) Benzo(g,h,i)perylene	30.688	276	341169	30.633	ng		98

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

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