Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
Data File : BG052322.D
Acq On : 8 Feb 2022 16:56
Operator : CG/JU
Sample : N1401-07MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RO-124030MS

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

Quant Time: Feb 09 01:24:31 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	33681	20.000	ng		0.00
21) Naphthalene-d8	11.068	136	144427	20.000	ng		0.00
39) Acenaphthene-d10	14.874	164	99245	20.000	ng		0.00
64) Phenanthrene-d10	17.629	188	216544	20.000	ng		0.00
76) Chrysene-d12	21.947	240	178760	20.000	ng		0.00
86) Perylene-d12	25.425	264	176297	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.757	112	245389	126.979	ng		0.00
7) Phenol-d6	7.379	99	349702	117.280	ng		0.00
23) Nitrobenzene-d5	9.405	82	245442	73.859	ng		0.00
42) 2,4,6-Tribromophenol	16.366	330	164420	115.317	ng		0.00
45) 2-Fluorobiphenyl	13.500	172	487764	68.292	ng		0.00
79) Terphenyl-d14	20.220	244	593607	58.639	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.584	88	28649	32.195	ng		95
3) Pyridine	3.995	79	78162	30.286	ng		97
4) n-Nitrosodimethylamine	3.901	42	53245	39.956	ng		83
6) Aniline	7.537	93	64854	18.721	ng		98
8) 2-Chlorophenol	7.790	128	108322	50.953	ng		97
9) Benzaldehyde	7.349	77	79814	51.577	ng		96
10) Phenol	7.402	94	155474	52.478	ng		97
11) bis(2-Chloroethyl)ether	7.631	93	99313	43.856	ng		96
12) 1,3-Dichlorobenzene	8.119	146	120772	49.860	ng		96
13) 1,4-Dichlorobenzene	8.266	146	120671	48.869	ng		97
14) 1,2-Dichlorobenzene	8.589	146	117610	48.294	ng		96
15) Benzyl Alcohol	8.465	79	114308	46.191	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.753	45	140104	42.845	ng		97
17) 2-Methylphenol	8.671	107	96230	49.223	ng		95
18) Hexachloroethane	9.329	117	41835	48.724	ng		99
19) n-Nitroso-di-n-propyla...	9.035	70	93297	41.504	ng		93
20) 3+4-Methylphenols	9.006	107	133574	47.758	ng		94
22) Acetophenone	9.059	105	165749	43.423	ng	#	96
24) Nitrobenzene	9.446	77	140485	44.567	ng		94
25) Isophorone	9.969	82	252267	44.615	ng		99
26) 2-Nitrophenol	10.169	139	63776	47.733	ng		89
27) 2,4-Dimethylphenol	10.222	122	108040	54.615	ng		92
28) bis(2-Chloroethoxy)met...	10.451	93	136930	42.672	ng		99
29) 2,4-Dichlorophenol	10.709	162	116849	49.280	ng		98
30) 1,2,4-Trichlorobenzene	10.927	180	132686	47.922	ng		97
31) Naphthalene	11.121	128	360564	47.621	ng		97
32) Benzoic acid	10.369	122	66958	51.807	ng		94
33) 4-Chloroaniline	11.220	127	42831	13.549	ng		96
34) Hexachlorobutadiene	11.403	225	86830	46.435	ng		98
35) Caprolactam	11.984	113	37821m	43.769	ng		
36) 4-Chloro-3-methylphenol	12.337	107	128495	47.634	ng		95
37) 2-Methylnaphthalene	12.718	142	262906	46.750	ng		98
38) 1-Methylnaphthalene	12.936	142	250321	45.936	ng	#	96
40) 1,2,4,5-Tetrachloroben...	13.083	216	161220	49.389	ng		99
41) Hexachlorocyclopentadiene	13.059	237	61992	42.093	ng		95
43) 2,4,6-Trichlorophenol	13.318	196	106764	50.009	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.394	196	114442	49.465	ng		96
46) 1,1'-Biphenyl	13.711	154	350728	48.194	ng		99
47) 2-Chloronaphthalene	13.758	162	272725	48.642	ng		98
48) 2-Nitroaniline	13.952	65	94889	47.537	ng		95
49) Acenaphthylene	14.604	152	440863	48.303	ng		98
50) Dimethylphthalate	14.316	163	328274	43.178	ng		99
51) 2,6-Dinitrotoluene	14.440	165	77047	46.962	ng		87
52) Acenaphthene	14.939	154	280109	46.862	ng		99
53) 3-Nitroaniline	14.769	138	46313	27.158	ng		97
54) 2,4-Dinitrophenol	14.980	184	34491	36.770	ng		100
55) Dibenzofuran	15.274	168	419048	44.579	ng		99
56) 4-Nitrophenol	15.080	139	127230	99.348	ng		88
57) 2,4-Dinitrotoluene	15.233	165	105124	45.020	ng	#	87
58) Fluorene	15.926	166	347519	46.310	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.503	232	102911	46.562	ng		97
60) Diethylphthalate	15.673	149	334589	43.566	ng		97
61) 4-Chlorophenyl-phenyle...	15.902	204	190870	44.652	ng		96
62) 4-Nitroaniline	15.932	138	63804	35.540	ng		89
63) Azobenzene	16.202	77	341149	43.391	ng		94
65) 4,6-Dinitro-2-methylph...	15.996	198	25777	19.788	ng		95
66) n-Nitrosodiphenylamine	16.120	169	297167	49.807	ng		98
67) 4-Bromophenyl-phenylether	16.801	248	126274	47.951	ng		96
68) Hexachlorobenzene	16.936	284	139168	48.725	ng		94
69) Atrazine	17.060	200	121283	50.280	ng		95
70) Pentachlorophenol	17.277	266	157693	112.854	ng		97
71) Phenanthrene	17.671	178	551443	49.399	ng		97
72) Anthracene	17.759	178	538726	49.248	ng		99
73) Carbazole	18.029	167	474799	44.503	ng		98
74) Di-n-butylphthalate	18.563	149	528553	45.470	ng		99
75) Fluoranthene	19.674	202	638816	44.942	ng		99
77) Benzidine	19.838	184	240524	62.969	ng		99
78) Pyrene	20.032	202	619993	51.832	ng		99
80) Butylbenzylphthalate	20.901	149	201500	48.496	ng		98
81) Benzo(a)anthracene	21.924	228	577067	48.783	ng		98
82) 3,3'-Dichlorobenzidine	21.824	252	158190	38.306	ng		98
83) Chrysene	22.000	228	551116	49.165	ng		99
84) Bis(2-ethylhexyl)phtha...	21.800	149	300763	52.204	ng		99
85) Di-n-octyl phthalate	23.099	149	494159	51.158	ng		98
87) Indeno(1,2,3-cd)pyrene	29.443	276	441968	34.258	ng	#	91
88) Benzo(b)fluoranthene	24.315	252	533337	48.547	ng		98
89) Benzo(k)fluoranthene	24.391	252	586194	54.014	ng		99
90) Benzo(a)pyrene	25.266	252	542768	58.486	ng		99
91) Dibenzo(a,h)anthracene	29.513	278	359380	33.721	ng		96
92) Benzo(g,h,i)perylene	30.694	276	306330	29.289	ng		98

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

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