Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122022\
Data File : BG056034.D
Acq On : 20 Dec 2022 17:47
Operator : CG/JU
Sample : N6135-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11977MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/21/2022
Supervised By :Jagrut Upadhyay 12/21/2022

Quant Time: Dec 21 02:38:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 01:11:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.369	152	10130	20.000	ng		0.00
21) Naphthalene-d8	11.201	136	39348	20.000	ng	#	0.00
39) Acenaphthene-d10	14.973	164	32761	20.000	ng		0.00
64) Phenanthrene-d10	17.711	188	82716	20.000	ng	#	0.00
76) Chrysene-d12	22.024	240	83527	20.000	ng		0.01
86) Perylene-d12	25.520	264	99799	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.890	112	55392	128.237	ng		0.01
7) Phenol-d6	7.500	99	69316	124.770	ng		0.00
23) Nitrobenzene-d5	9.545	82	45707	81.176	ng		0.00
42) 2,4,6-Tribromophenol	16.454	330	90642	114.742	ng		0.00
45) 2-Fluorobiphenyl	13.604	172	154191	66.008	ng		0.00
79) Terphenyl-d14	20.285	244	288650	61.077	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.710	88	5306	42.210	ng		95
3) Pyridine	4.127	79	14479	35.000	ng		96
4) n-Nitrosodimethylamine	4.039	42	14043	37.762	ng		85
6) Aniline	7.682	93	16320	24.536	ng		97
8) 2-Chlorophenol	7.929	128	25913	46.500	ng		93
9) Benzaldehyde	7.494	77	14375	41.201	ng		93
10) Phenol	7.529	94	27728	45.604	ng		99
11) bis(2-Chloroethyl)ether	7.770	93	16971	42.851	ng		93
12) 1,3-Dichlorobenzene	8.258	146	30877	42.832	ng		90
13) 1,4-Dichlorobenzene	8.405	146	32120	43.599	ng		97
14) 1,2-Dichlorobenzene	8.728	146	30719	43.631	ng		97
15) Benzyl Alcohol	8.599	79	24098	41.746	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.886	45	23738	46.052	ng		94
17) 2-Methylphenol	8.798	107	21399	44.732	ng		93
18) Hexachloroethane	9.468	117	10353	46.295	ng		91
19) n-Nitroso-di-n-propyla...	9.174	70	16088	40.401	ng	#	93
20) 3+4-Methylphenols	9.127	107	29211	42.789	ng		93
22) Acetophenone	9.192	105	38741	39.717	ng	#	98
24) Nitrobenzene	9.586	77	26513	46.781	ng		97
25) Isophorone	10.109	82	46741	39.588	ng		98
26) 2-Nitrophenol	10.302	139	16061	47.871	ng		96
27) 2,4-Dimethylphenol	10.344	122	26243m	46.574	ng		
28) bis(2-Chloroethoxy)met...	10.584	93	24328	46.621	ng		97
29) 2,4-Dichlorophenol	10.837	162	34231	42.802	ng		99
30) 1,2,4-Trichlorobenzene	11.060	180	43665	42.000	ng		94
31) Naphthalene	11.254	128	83696	40.312	ng		97
32) Benzoic acid	10.473	122	20239	42.602	ng		89
33) 4-Chloroaniline	11.348	127	11458	12.874	ng		95
34) Hexachlorobutadiene	11.530	225	37897	38.774	ng		96
35) Caprolactam	12.124	113	8475m	38.034	ng		
36) 4-Chloro-3-methylphenol	12.441	107	30223	40.301	ng		92
37) 2-Methylnaphthalene	12.829	142	71553	39.008	ng		97
38) 1-Methylnaphthalene	13.046	142	66211	37.053	ng		97
40) 1,2,4,5-Tetrachloroben...	13.187	216	63670	46.063	ng		99
41) Hexachlorocyclopentadiene	13.170	237	60679	77.381	ng		98
43) 2,4,6-Trichlorophenol	13.416	196	38484	47.034	ng		95

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44) 2,4,5-Trichlorophenol	13.487	196	41740	45.254	ng		94
46) 1,1'-Biphenyl	13.816	154	101254	45.597	ng		99
47) 2-Chloronaphthalene	13.869	162	80014	44.345	ng		94
48) 2-Nitroaniline	14.051	65	17927	50.260	ng		91
49) Acenaphthylene	14.703	152	127536	44.282	ng		99
50) Dimethylphthalate	14.415	163	106709	37.675	ng		98
51) 2,6-Dinitrotoluene	14.539	165	22164	50.567	ng		94
52) Acenaphthene	15.038	154	89184	46.126	ng		95
53) 3-Nitroaniline	14.868	138	13080	29.339	ng	#	98
54) 2,4-Dinitrophenol	15.073	184	20689	63.493	ng	#	75
55) Dibenzofuran	15.373	168	134488	41.363	ng		99
56) 4-Nitrophenol	15.161	139	33812	94.642	ng		94
57) 2,4-Dinitrotoluene	15.320	165	31489	47.594	ng	#	83
58) Fluorene	16.019	166	108168	40.697	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.590	232	44671	42.394	ng	#	99
60) Diethylphthalate	15.767	149	100652	36.357	ng		98
61) 4-Chlorophenyl-phenyle...	15.996	204	72387	39.979	ng		97
62) 4-Nitroaniline	16.025	138	18414	37.927	ng		95
63) Azobenzene	16.290	77	66206	39.292	ng		99
65) 4,6-Dinitro-2-methylph...	16.078	198	14760	37.354	ng		94
66) n-Nitrosodiphenylamine	16.207	169	95425	44.023	ng		99
67) 4-Bromophenyl-phenylether	16.889	248	52980	43.711	ng		94
68) Hexachlorobenzene	17.018	284	63754	42.704	ng		98
69) Atrazine	17.147	200	44621	45.463	ng		97
70) Pentachlorophenol	17.359	266	86753	101.644	ng		95
71) Phenanthrene	17.758	178	259765	59.926	ng		99
72) Anthracene	17.847	178	194912	45.450	ng		99
73) Carbazole	18.105	167	148934	42.108	ng		99
74) Di-n-butylphthalate	18.640	149	156532	38.056	ng		99
75) Fluoranthene	19.744	202	468481	77.180	ng		98
77) Benzidine	19.909	184	28955	19.739	ng		97
78) Pyrene	20.109	202	476210	94.219	ng		99
80) Butylbenzylphthalate	20.966	149	63388	44.259	ng		97
81) Benzo(a)anthracene	22.001	228	472714	80.426	ng		99
82) 3,3'-Dichlorobenzidine	21.901	252	52671	24.907	ng		99
83) Chrysene	22.077	228	421730	76.559	ng		98
84) Bis(2-ethylhexyl)phtha...	21.871	149	92790	43.608	ng		96
85) Di-n-octyl phthalate	23.176	149	159725	44.253	ng	#	99
87) Indeno(1,2,3-cd)pyrene	29.568	276	407848	50.821	ng	#	96
88) Benzo(b)fluoranthene	24.415	252	593721	91.923	ng		99
89) Benzo(k)fluoranthene	24.480	252	431486m	66.958	ng		
90) Benzo(a)pyrene	25.361	252	469441	85.985	ng		100
91) Dibenzo(a,h)anthracene	29.621	278	259634	38.653	ng		100
92) Benzo(g,h,i)perylene	30.825	276	327219	50.385	ng		95

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

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