Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081221\
Data File : BG049823.D
Acq On : 12 Aug 2021 18:33
Operator : CG/JU
Sample : M3340-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
205-239-929MS

Manual Integrations APPROVED
mohammad
8/13/2021 5:12:56 PM

Quant Time: Aug 13 02:14:27 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 15:15:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.032	152	39522	20.000	ng		0.00
21) Naphthalene-d8	10.857	136	161080	20.000	ng	#	0.00
39) Acenaphthene-d10	14.693	164	104898	20.000	ng		0.00
64) Phenanthrene-d10	17.448	188	199713	20.000	ng	#	0.00
76) Chrysene-d12	21.731	240	166174	20.000	ng		0.00
86) Perylene-d12	25.015	264	175785	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.594	112	215584	97.783	ng		0.00
7) Phenol-d6	7.203	99	300518	90.046	ng		0.00
23) Nitrobenzene-d5	9.207	82	217074	59.634	ng		0.00
42) 2,4,6-Tribromophenol	16.185	330	141085	91.503	ng		0.00
45) 2-Fluorobiphenyl	13.307	172	456430	63.313	ng		0.00
79) Terphenyl-d14	20.051	244	591044	64.598	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.444	88	28666	29.754	ng		99
3) Pyridine	3.855	79	67945	25.728	ng		89
4) n-Nitrosodimethylamine	3.767	42	53310	37.540	ng	#	85
6) Aniline	7.356	93	100534	28.423	ng		98
8) 2-Chlorophenol	7.603	128	104627	43.527	ng		96
9) Benzaldehyde	7.168	77	84710	38.040	ng	#	87
10) Phenol	7.233	94	134731	41.664	ng		93
11) bis(2-Chloroethyl)ether	7.450	93	89078	40.798	ng		87
12) 1,3-Dichlorobenzene	7.926	146	112340	40.807	ng		98
13) 1,4-Dichlorobenzene	8.073	146	113589	40.762	ng		99
14) 1,2-Dichlorobenzene	8.390	146	111933	42.400	ng		97
15) Benzyl Alcohol	8.278	79	116520	41.573	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.566	45	97750	39.401	ng		96
17) 2-Methylphenol	8.484	107	93907	44.099	ng		94
18) Hexachloroethane	9.119	117	45301	42.289	ng		94
19) n-Nitroso-di-n-propyla...	8.842	70	85327	38.206	ng		91
20) 3+4-Methylphenols	8.819	107	127963	42.787	ng		98
22) Acetophenone	8.866	105	172616	39.444	ng	#	94
24) Nitrobenzene	9.254	77	139107	36.216	ng		95
25) Isophorone	9.771	82	225504	34.716	ng		99
26) 2-Nitrophenol	9.964	139	59870	40.843	ng		95
27) 2,4-Dimethylphenol	10.023	122	97293	44.907	ng		96
28) bis(2-Chloroethoxy)met...	10.252	93	117945	41.508	ng		94
29) 2,4-Dichlorophenol	10.511	162	108546	40.827	ng		95
30) 1,2,4-Trichlorobenzene	10.722	180	119442	40.801	ng		98
31) Naphthalene	10.904	128	329831	39.098	ng		99
32) Benzoic acid	10.194	122	64844	42.963	ng	#	75
33) 4-Chloroaniline	11.016	127	62424	18.743	ng		96
34) Hexachlorobutadiene	11.186	225	83675	39.333	ng		94
35) Caprolactam	11.815	113	31487m	38.330	ng		
36) 4-Chloro-3-methylphenol	12.150	107	123468	40.204	ng	#	93
37) 2-Methylnaphthalene	12.514	142	246845	38.843	ng		97
38) 1-Methylnaphthalene	12.737	142	223371	37.399	ng		97
40) 1,2,4,5-Tetrachloroben...	12.884	216	137900	44.616	ng		98
41) Hexachlorocyclopentadiene	12.861	237	75031	46.642	ng		95
43) 2,4,6-Trichlorophenol	13.125	196	90785	43.569	ng		94

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44) 2,4,5-Trichlorophenol	13.201	196	98216	43.448	ng	#	86
46) 1,1'-Biphenyl	13.524	154	302518	40.491	ng		99
47) 2-Chloronaphthalene	13.571	162	248393	41.626	ng		98
48) 2-Nitroaniline	13.771	65	85076	38.827	ng		93
49) Acenaphthylene	14.411	152	380917	40.275	ng		96
50) Dimethylphthalate	14.141	163	304220	38.439	ng		100
51) 2,6-Dinitrotoluene	14.265	165	64932	37.263	ng		90
52) Acenaphthene	14.758	154	220233	38.655	ng		92
53) 3-Nitroaniline	14.599	138	52085	30.650	ng		94
54) 2,4-Dinitrophenol	14.817	184	36244	36.637	ng		96
55) Dibenzofuran	15.093	168	349377	37.800	ng		97
56) 4-Nitrophenol	14.922	139	100119	80.645	ng		95
57) 2,4-Dinitrotoluene	15.058	165	91113	37.228	ng		97
58) Fluorene	15.739	166	285081	37.948	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.322	232	79415	37.825	ng		93
60) Diethylphthalate	15.498	149	303589	38.140	ng		95
61) 4-Chlorophenyl-phenyle...	15.727	204	154495	38.531	ng		98
62) 4-Nitroaniline	15.762	138	57753	33.039	ng		88
63) Azobenzene	16.021	77	298166	35.391	ng		87
65) 4,6-Dinitro-2-methylph...	15.827	198	25818	20.112	ng		86
66) n-Nitrosodiphenylamine	15.945	169	241561	42.807	ng		98
67) 4-Bromophenyl-phenylether	16.626	248	99922	42.482	ng		96
68) Hexachlorobenzene	16.755	284	110190	42.167	ng		98
69) Atrazine	16.896	200	97151	43.039	ng		97
70) Pentachlorophenol	17.102	266	119520	85.297	ng		98
71) Phenanthrene	17.490	178	435027	41.403	ng		97
72) Anthracene	17.578	178	422976	40.990	ng		98
73) Carbazole	17.848	167	366998	37.551	ng		98
74) Di-n-butylphthalate	18.394	149	444087	38.979	ng		100
75) Fluoranthene	19.499	202	517386	40.016	ng		98
77) Benzidine	19.675	184	77693	18.248	ng		96
78) Pyrene	19.863	202	536595	47.365	ng		97
80) Butylbenzylphthalate	20.732	149	180064	41.734	ng		94
81) Benzo(a)anthracene	21.713	228	462978	42.782	ng		100
82) 3,3'-Dichlorobenzidine	21.619	252	119740	37.895	ng		97
83) Chrysene	21.778	228	457321	44.208	ng		98
84) Bis(2-ethylhexyl)phtha...	21.596	149	257641	42.185	ng		95
85) Di-n-octyl phthalate	22.823	149	414547	40.179	ng		99
87) Indeno(1,2,3-cd)pyrene	28.792	276	458391	36.158	ng	#	94
88) Benzo(b)fluoranthene	23.975	252	487669m	42.300	ng		
89) Benzo(k)fluoranthene	24.040	252	455085	42.318	ng		99
90) Benzo(a)pyrene	24.862	252	468531	44.906	ng		98
91) Dibenzo(a,h)anthracene	28.845	278	393162	36.803	ng		95
92) Benzo(g,h,i)perylene	29.961	276	360871	34.481	ng		97

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

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