Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012021\
Data File : BG047932.D
Acq On : 20 Jan 2021 10:35
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 20 13:14:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 20 13:11:58 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
1/22/2021 11:49:37 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.152	152	40195	20.00	ng		0.00
21) Naphthalene-d8	10.966	136	151295	20.00	ng		# 0.00
39) Acenaphthene-d10	14.773	164	106428	20.00	ng		0.00
64) Phenanthrene-d10	17.517	188	266460	20.00	ng		0.00
76) Chrysene-d12	21.794	240	309972	20.00	ng		# 0.00
86) Perylene-d12	25.108	264	306130	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.702	112	46338	19.94	ng		0.00
7) Phenol-d6	7.288	99	71657	21.10	ng		0.00
23) Nitrobenzene-d5	9.309	82	58617	14.25	ng		0.00
42) 2,4,6-Tribromophenol	16.254	330	21434	11.80	ng		0.00
45) 2-Fluorobiphenyl	13.398	172	190048	23.11	ng		0.00
79) Terphenyl-d14	20.114	244	390567	20.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.598	88	13866	13.89	ng	#	84
3) Pyridine	3.998	79	40625	15.77	ng	#	94
4) n-Nitrosodimethylamine	3.904	42	20848	10.23	ng	#	62
6) Aniline	7.470	93	48910	12.98	ng	#	87
8) 2-Chlorophenol	7.711	128	22865	9.65	ng		82
9) Benzaldehyde	7.282	77	28494	12.80	ng		84
10) Phenol	7.317	94	35477	11.52	ng		81
11) bis(2-Chloroethyl)ether	7.564	93	32179	14.66	ng		91
12) 1,3-Dichlorobenzene	8.046	146	37526	11.75	ng	#	96
13) 1,4-Dichlorobenzene	8.193	146	37216	11.66	ng		97
14) 1,2-Dichlorobenzene	8.510	146	35996m	12.00	ng		
15) Benzyl Alcohol	8.381	79	24580	8.17	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	8.680	45	57053	26.17	ng		95
17) 2-Methylphenol	8.581	107	21760	10.01	ng	#	94
18) Hexachloroethane	9.244	117	11300	9.03	ng		91
19) n-Nitroso-di-n-propyla...	8.951	70	27988	11.84	ng	#	94
20) 3+4-Methylphenols	8.904	107	29204	9.81	ng		92
22) Acetophenone	8.968	105	51105	11.80	ng	#	91
24) Nitrobenzene	9.356	77	31742	8.18	ng	#	85
25) Isophorone	9.879	82	67317	10.85	ng	#	93
26) 2-Nitrophenol	10.067	139	8460	5.51	ng	#	93
27) 2,4-Dimethylphenol	10.114	122	19098	8.64	ng		89
28) bis(2-Chloroethoxy)met...	10.361	93	43322	13.51	ng	#	95
29) 2,4-Dichlorophenol	10.602	162	21325	7.41	ng		90
30) 1,2,4-Trichlorobenzene	10.825	180	38691	10.47	ng		98
31) Naphthalene	11.019	128	95633	11.50	ng		100
32) Benzoic acid	10.179	122	10077m	8.68	ng		
33) 4-Chloroaniline	11.113	127	39598	11.21	ng	#	90
34) Hexachlorobutadiene	11.313	225	29298	8.99	ng		95
35) Caprolactam	11.853	113	6413	7.01	ng	#	69
36) 4-Chloro-3-methylphenol	12.217	107	23945	7.61	ng		90
37) 2-Methylnaphthalene	12.611	142	69801	10.82	ng	#	92
38) 1-Methylnaphthalene	12.828	142	66888	10.97	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.975	216	48059	11.00	ng		99
41) Hexachlorocyclopentadiene	12.958	237	15726	6.65	ng		91
43) 2,4,6-Trichlorophenol	13.205	196	17081	6.12	ng		89

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.269	196	18392	6.66	ng	#	93
46) 1,1'-Biphenyl	13.610	154	94646	11.65	ng		99
47) 2-Chloronaphthalene	13.657	162	76302	11.55	ng		99
48) 2-Nitroaniline	13.845	65	12031	4.93	ng		87
49) Acenaphthylene	14.497	152	115769	11.81	ng		99
50) Dimethylphthalate	14.221	163	76511	8.34	ng		99
51) 2,6-Dinitrotoluene	14.333	165	12290	6.59	ng	#	71
52) Acenaphthene	14.838	154	72824	10.53	ng		97
53) 3-Nitroaniline	14.662	138	15299	8.28	ng		83
54) 2,4-Dinitrophenol	14.856	184	7090	5.93	ng	#	1
55) Dibenzofuran	15.167	168	115000	11.47	ng		96
56) 4-Nitrophenol	14.950	139	10331	7.75	ng		90
57) 2,4-Dinitrotoluene	15.114	165	17555	6.33	ng	#	83
58) Fluorene	15.819	166	96313	11.31	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.384	232	17770m	6.30	ng		
60) Diethylphthalate	15.578	149	73470	8.31	ng		95
61) 4-Chlorophenyl-phenyle...	15.813	204	58625	10.93	ng		95
62) 4-Nitroaniline	15.819	138	17768	8.74	ng	#	69
63) Azobenzene	16.101	77	99622	12.08	ng		87
65) 4,6-Dinitro-2-methylph...	15.878	198	8305	4.88	ng		94
66) n-Nitrosodiphenylamine	16.019	169	87980	11.54	ng		94
67) 4-Bromophenyl-phenylether	16.706	248	38106	10.64	ng		96
68) Hexachlorobenzene	16.824	284	42614	10.97	ng		98
69) Atrazine	16.959	200	24932	7.78	ng		97
70) Pentachlorophenol	17.153	266	13613	7.69	ng		96
71) Phenanthrene	17.558	178	168155	11.71	ng		96
72) Anthracene	17.646	178	160998	11.56	ng		98
73) Carbazole	17.911	167	145109	11.90	ng		97
74) Di-n-butylphthalate	18.475	149	118671	8.26	ng	#	96
75) Fluoranthene	19.556	202	229881	11.94	ng		97
77) Benzidine	19.732	184	66151	7.94	ng		97
78) Pyrene	19.920	202	237959	10.72	ng		94
80) Butylbenzylphthalate	20.807	149	38015	4.99	ng		94
81) Benzo(a)anthracene	21.777	228	238588	10.72	ng		97
82) 3,3'-Dichlorobenzidine	21.689	252	59879	7.64	ng	#	97
83) Chrysene	21.847	228	231789	11.02	ng		98
84) Bis(2-ethylhexyl)phtha...	21.695	149	62817	5.99	ng		98
85) Di-n-octyl phthalate	22.946	149	99102	5.57	ng	#	92
87) Indeno(1,2,3-cd)pyrene	28.874	276	245948	10.58	ng	#	92
88) Benzo(b)fluoranthene	24.051	252	225863	10.70	ng	#	98
89) Benzo(k)fluoranthene	24.121	252	224614	10.98	ng	#	95
90) Benzo(a)pyrene	24.944	252	210354	10.71	ng	#	98
91) Dibenzo(a,h)anthracene	28.957	278	197680	10.50	ng	#	93
92) Benzo(g,h,i)perylene	30.055	276	201444	10.94	ng	#	94

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

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