Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012121\
Data File : BG047952.D
Acq On : 21 Jan 2021 13:32
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
1/22/2021 11:55:11 AM

Quant Time: Jan 21 14:10:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 21 12:32:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	51723	20.00	ng	0.00
21) Naphthalene-d8	10.967	136	181417	20.00	ng	# 0.00
39) Acenaphthene-d10	14.774	164	131125	20.00	ng	0.00
64) Phenanthrene-d10	17.518	188	342244	20.00	ng	# 0.00
76) Chrysene-d12	21.807	240	360990	20.00	ng	# 0.00
86) Perylene-d12	25.115	264	398599	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	439338	154.49	ng	0.00
7) Phenol-d6	7.294	99	661789	152.26	ng	0.00
23) Nitrobenzene-d5	9.316	82	648581	175.42	ng	0.00
42) 2,4,6-Tribromophenol	16.260	330	337492	193.81	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	1386960	140.80	ng	0.00
79) Terphenyl-d14	20.121	244	2502950	127.86	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.593	88	103352	67.02	ng	# 87
3) Pyridine	3.992	79	311375m	68.71	ng	
4) n-Nitrosodimethylamine	3.904	42	154060	67.63	ng	# 76
6) Aniline	7.477	93	396260	70.91	ng	93
8) 2-Chlorophenol	7.712	128	225379	79.17	ng	89
10) Phenol	7.324	94	314365	75.78	ng	# 73
11) bis(2-Chloroethyl)ether	7.565	93	241477	68.52	ng	92
12) 1,3-Dichlorobenzene	8.041	146	288763	69.66	ng	# 92
13) 1,4-Dichlorobenzene	8.187	146	288268	70.40	ng	96
14) 1,2-Dichlorobenzene	8.511	146	268044m	68.39	ng	
15) Benzyl Alcohol	8.381	79	285057	84.22	ng	# 86
16) 2,2'-oxybis(1-Chloropr...	8.681	45	400294	65.15	ng	99
17) 2-Methylphenol	8.581	107	210813	78.00	ng	# 88
18) Hexachloroethane	9.245	117	109380	78.79	ng	96
19) n-Nitroso-di-n-propyla...	8.963	70	227348	71.29	ng	93
20) 3+4-Methylphenols	8.916	107	291605	80.48	ng	90
22) Acetophenone	8.975	105	392918	73.31	ng	# 92
24) Nitrobenzene	9.357	77	327908	85.67	ng	# 84
25) Isophorone	9.886	82	573855	77.28	ng	96
26) 2-Nitrophenol	10.068	139	131859	127.51	ng	# 73
27) 2,4-Dimethylphenol	10.121	122	190593	82.08	ng	# 82
28) bis(2-Chloroethoxy)met...	10.361	93	336919	74.25	ng	99
29) 2,4-Dichlorophenol	10.602	162	250927	91.79	ng	92
30) 1,2,4-Trichlorobenzene	10.826	180	307584	74.63	ng	96
31) Naphthalene	11.019	128	743101	73.28	ng	99
33) 4-Chloroaniline	11.113	127	336462	76.36	ng	# 87
34) Hexachlorobutadiene	11.301	225	230600	74.31	ng	98
35) Caprolactam	11.907	113	94570	93.53	ng	# 81
36) 4-Chloro-3-methylphenol	12.224	107	276538	89.51	ng	86
37) 2-Methylnaphthalene	12.612	142	564749	74.53	ng	# 94
38) 1-Methylnaphthalene	12.829	142	527143	73.98	ng	# 99
40) 1,2,4,5-Tetrachloroben...	12.976	216	372666	73.75	ng	98
41) Hexachlorocyclopentadiene	12.958	237	212929	101.52	ng	99
43) 2,4,6-Trichlorophenol	13.205	196	253294	102.13	ng	97
44) 2,4,5-Trichlorophenol	13.276	196	257167	97.74	ng	# 95
46) 1,1'-Biphenyl	13.611	154	731848	73.51	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.658	162	596031	72.97	ng		94
48) 2-Nitroaniline	13.851	65	240199	123.16	ng	#	77
49) Acenaphthylene	14.498	152	919005	73.75	ng		99
50) Dimethylphthalate	14.227	163	831970	85.09	ng		99
51) 2,6-Dinitrotoluene	14.339	165	176506	98.89	ng	#	66
52) Acenaphthene	14.839	154	640000	79.05	ng		99
53) 3-Nitroaniline	14.674	138	194734	93.56	ng	#	81
54) 2,4-Dinitrophenol	14.868	184	111655	122.31	ng	#	73
55) Dibenzofuran	15.173	168	900733	72.58	ng		93
56) 4-Nitrophenol	14.962	139	154694	96.82	ng	#	55
57) 2,4-Dinitrotoluene	15.126	165	257438	104.14	ng	#	76
58) Fluorene	15.820	166	771763	73.81	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.391	232	269309	104.69	ng		97
60) Diethylphthalate	15.585	149	828615	87.88	ng		97
61) 4-Chlorophenyl-phenyle...	15.808	204	462386	73.50	ng		98
62) 4-Nitroaniline	15.837	138	212695	89.67	ng	#	63
63) Azobenzene	16.102	77	789550	73.29	ng		89
65) 4,6-Dinitro-2-methylph...	15.890	198	146655	119.84	ng		81
66) n-Nitrosodiphenylamine	16.025	169	711392	72.49	ng		98
67) 4-Bromophenyl-phenylether	16.707	248	328617	73.84	ng		98
68) Hexachlorobenzene	16.824	284	351284	73.14	ng		97
69) Atrazine	16.965	200	236644	76.92	ng		97
70) Pentachlorophenol	17.159	266	226542	97.89	ng		98
71) Phenanthrene	17.559	178	1296306	69.69	ng		98
72) Anthracene	17.653	178	1273449	70.48	ng		99
73) Carbazole	17.917	167	1182623	72.84	ng		97
74) Di-n-butylphthalate	18.475	149	1400401	86.54	ng	#	97
75) Fluoranthene	19.562	202	1699611	68.94	ng		96
78) Pyrene	19.921	202	1691773	68.68	ng		98
80) Butylbenzylphthalate	20.808	149	660645	109.01	ng	#	86
81) Benzo(a)anthracene	21.783	228	1769362	71.28	ng		98
82) 3,3'-Dichlorobenzidine	21.695	252	638565	84.72	ng	#	99
83) Chrysene	21.854	228	1676600	70.13	ng		96
84) Bis(2-ethylhexyl)phtha...	21.689	149	919915	100.74	ng		99
85) Di-n-octyl phthalate	22.947	149	1578858	108.95	ng	#	91
87) Indeno(1,2,3-cd)pyrene	28.922	276	2219524	75.32	ng	#	89
88) Benzo(b)fluoranthene	24.069	252	1885099	71.22	ng	#	97
89) Benzo(k)fluoranthene	24.139	252	1767010	69.06	ng	#	97
90) Benzo(a)pyrene	24.968	252	1781041	72.32	ng	#	97
91) Dibenzo(a,h)anthracene	28.993	278	1790328	75.40	ng	#	94
92) Benzo(g,h,i)perylene	30.115	276	1762652	73.65	ng	#	95

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

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