Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012121\
Data File : BG047946.D
Acq On : 21 Jan 2021 9:30
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
mohammad
1/22/2021 11:54:57 AM

Quant Time: Jan 21 12:40:27 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	8.149	152	38753	20.00	ng		0.00
21) Naphthalene-d8	10.964	136	149853	20.00	ng		# 0.00
39) Acenaphthene-d10	14.771	164	106775	20.00	ng		0.00
64) Phenanthrene-d10	17.515	188	272699	20.00	ng		# 0.00
76) Chrysene-d12	21.792	240	321727	20.00	ng		# 0.00
86) Perylene-d12	25.100	264	325493	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.699	112	23994	11.26	ng		0.00
7) Phenol-d6	7.285	99	34919	10.72	ng		0.00
23) Nitrobenzene-d5	9.307	82	30438	9.97	ng		0.00
42) 2,4,6-Tribromophenol	16.251	330	14183	10.00	ng		0.00
45) 2-Fluorobiphenyl	13.396	172	83771	10.44	ng		0.00
79) Terphenyl-d14	20.112	244	186298	10.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.596	88	7367	6.38	ng		94
3) Pyridine	3.995	79	16722	4.93	ng	#	80
4) n-Nitrosodimethylamine	3.901	42	8619	5.05	ng	#	67
6) Aniline	7.468	93	21391	5.11	ng		98
8) 2-Chlorophenol	7.708	128	11516	5.40	ng		86
9) Benzaldehyde	7.274	77	12501	5.85	ng	#	84
10) Phenol	7.315	94	17201	5.53	ng		77
11) bis(2-Chloroethyl)ether	7.562	93	13435	5.09	ng	#	77
12) 1,3-Dichlorobenzene	8.038	146	15480	4.98	ng	#	92
13) 1,4-Dichlorobenzene	8.190	146	15935	5.19	ng		96
14) 1,2-Dichlorobenzene	8.508	146	16328	5.56	ng		89
15) Benzyl Alcohol	8.378	79	14037	5.54	ng		87
16) 2,2'-oxybis(1-Chloropr...	8.672	45	23298	5.06	ng		96
17) 2-Methylphenol	8.578	107	10881	5.37	ng	#	89
18) Hexachloroethane	9.242	117	5907	5.68	ng		95
19) n-Nitroso-di-n-propyla...	8.948	70	12405	5.19	ng		95
20) 3+4-Methylphenols	8.895	107	15099	5.56	ng		90
22) Acetophenone	8.966	105	22629	5.11	ng	#	92
24) Nitrobenzene	9.348	77	15748	4.98	ng		88
25) Isophorone	9.871	82	30602	4.99	ng	#	90
26) 2-Nitrophenol	10.070	139	5620	6.58	ng	#	71
27) 2,4-Dimethylphenol	10.112	122	10320	5.38	ng		92
28) bis(2-Chloroethoxy)met...	10.352	93	18856	5.03	ng		96
29) 2,4-Dichlorophenol	10.599	162	12216	5.41	ng		95
30) 1,2,4-Trichlorobenzene	10.823	180	17360	5.10	ng		97
31) Naphthalene	11.016	128	40957	4.89	ng	#	96
32) Benzoic acid	10.164	122	4489	4.12	ng		96
33) 4-Chloroaniline	11.110	127	17263	4.74	ng	#	82
34) Hexachlorobutadiene	11.304	225	11981	4.67	ng	#	86
35) Caprolactam	11.839	113	4511	5.40	ng	#	87
36) 4-Chloro-3-methylphenol	12.209	107	13010	5.10	ng		96
37) 2-Methylnaphthalene	12.609	142	31200	4.98	ng	#	92
38) 1-Methylnaphthalene	12.826	142	28086	4.77	ng		96
40) 1,2,4,5-Tetrachloroben...	12.967	216	19554	4.75	ng	#	98
41) Hexachlorocyclopentadiene	12.955	237	9351	5.48	ng		93
43) 2,4,6-Trichlorophenol	13.202	196	11445	5.67	ng	#	90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.273	196	11742	5.48	ng	#	81
46) 1,1'-Biphenyl	13.607	154	40368	4.98	ng		96
47) 2-Chloronaphthalene	13.649	162	33330	5.01	ng		95
48) 2-Nitroaniline	13.842	65	9194	5.79	ng	#	79
49) Acenaphthylene	14.495	152	51173	5.04	ng	#	96
50) Dimethylphthalate	14.213	163	45565	5.72	ng		97
51) 2,6-Dinitrotoluene	14.324	165	7274	5.00	ng	#	50
52) Acenaphthene	14.835	154	33116	5.02	ng		96
53) 3-Nitroaniline	14.659	138	8614	5.08	ng	#	75
55) Dibenzofuran	15.164	168	52716	5.22	ng		98
56) 4-Nitrophenol	14.941	139	6285	4.83	ng		79
57) 2,4-Dinitrotoluene	15.112	165	10373	5.15	ng	#	83
58) Fluorene	15.811	166	43395	5.10	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.388	232	11525	5.50	ng	#	90
60) Diethylphthalate	15.576	149	43996	5.73	ng		94
61) 4-Chlorophenyl-phenyle...	15.805	204	26410	5.16	ng		98
62) 4-Nitroaniline	15.811	138	9328	4.83	ng	#	60
63) Azobenzene	16.099	77	46782	5.33	ng		88
66) n-Nitrosodiphenylamine	16.011	169	40153	5.14	ng		93
67) 4-Bromophenyl-phenylether	16.704	248	17911	5.05	ng		86
68) Hexachlorobenzene	16.815	284	18902	4.94	ng		94
69) Atrazine	16.956	200	15979	6.52	ng		97
70) Pentachlorophenol	17.156	266	8940	4.85	ng		93
71) Phenanthrene	17.556	178	74834	5.05	ng		96
72) Anthracene	17.644	178	73948m	5.14	ng		
73) Carbazole	17.908	167	67405	5.21	ng		96
74) Di-n-butylphthalate	18.472	149	77639	6.02	ng	#	95
75) Fluoranthene	19.553	202	106002	5.40	ng		96
78) Pyrene	19.918	202	107425	4.89	ng		94
80) Butylbenzylphthalate	20.799	149	33872	6.27	ng	#	85
81) Benzo(a)anthracene	21.774	228	112474	5.08	ng		93
82) 3,3'-Dichlorobenzidine	21.680	252	37310	5.55	ng		87
83) Chrysene	21.845	228	108963	5.11	ng		95
84) Bis(2-ethylhexyl)phtha...	21.686	149	51817	6.37	ng		96
85) Di-n-octyl phthalate	22.938	149	82242	6.37	ng	#	92
87) Indeno(1,2,3-cd)pyrene	28.872	276	120974	5.03	ng	#	87
88) Benzo(b)fluoranthene	24.048	252	107500	4.97	ng	#	93
89) Benzo(k)fluoranthene	24.119	252	106553	5.10	ng	#	95
90) Benzo(a)pyrene	24.941	252	101921	5.07	ng		99
91) Dibenzo(a,h)anthracene	28.948	278	99700	5.14	ng	#	91
92) Benzo(g,h,i)perylene	30.047	276	97393	4.98	ng	#	95

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

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