Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031621\
Data File : BG048386.D
Acq On : 16 Mar 2021 9:56
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
3/17/2021 10:51:10 AM

Quant Time: Mar 16 14:19:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 16 14:17:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.115	152	45617	20.00	ng	# 0.00
21) Naphthalene-d8	10.935	136	180663	20.00	ng	# 0.00
39) Acenaphthene-d10	14.755	164	136480	20.00	ng	0.00
64) Phenanthrene-d10	17.504	188	333084	20.00	ng	# 0.00
76) Chrysene-d12	21.799	240	368553	20.00	ng	# 0.00
86) Perylene-d12	25.137	264	357975	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	60827	22.70	ng	0.00
7) Phenol-d6	7.252	99	93179	22.89	ng	0.00
23) Nitrobenzene-d5	9.279	82	71619	16.77	ng	0.00
42) 2,4,6-Tribromophenol	16.241	330	34892	15.98	ng	0.00
45) 2-Fluorobiphenyl	13.374	172	226717	23.29	ng	0.00
79) Terphenyl-d14	20.113	244	476800	23.64	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.538	88	15728	12.81	ng	# 88
3) Pyridine	3.950	79	42118	12.41	ng	95
4) n-Nitrosodimethylamine	3.856	42	23204	12.87	ng	# 61
6) Aniline	7.428	93	61543	12.65	ng	# 84
8) 2-Chlorophenol	7.675	128	29947	10.17	ng	97
9) Benzaldehyde	7.246	77	34707	12.03	ng	# 76
10) Phenol	7.275	94	47307	11.49	ng	# 62
11) bis(2-Chloroethyl)ether	7.528	93	34988	10.91	ng	96
12) 1,3-Dichlorobenzene	8.004	146	41974	12.34	ng	# 85
13) 1,4-Dichlorobenzene	8.151	146	41638m	12.14	ng	
14) 1,2-Dichlorobenzene	8.468	146	42330	12.98	ng	93
15) Benzyl Alcohol	8.344	79	39801	11.09	ng	# 85
16) 2,2'-oxybis(1-Chloropr...	8.644	45	43203	10.39	ng	83
17) 2-Methylphenol	8.544	107	31001	11.55	ng	# 89
18) Hexachloroethane	9.208	117	14106	10.79	ng	91
19) n-Nitroso-di-n-propyla...	8.914	70	37149	11.82	ng	# 90
20) 3+4-Methylphenols	8.867	107	37274	9.96	ng	87
22) Acetophenone	8.938	105	59760	11.52	ng	# 92
24) Nitrobenzene	9.320	77	39003	8.56	ng	# 83
25) Isophorone	9.843	82	100793	11.90	ng	# 90
26) 2-Nitrophenol	10.037	139	13752	7.30	ng	95
27) 2,4-Dimethylphenol	10.084	122	30119	11.10	ng	97
28) bis(2-Chloroethoxy)met...	10.330	93	44669	10.79	ng	99
29) 2,4-Dichlorophenol	10.571	162	29813	8.59	ng	89
30) 1,2,4-Trichlorobenzene	10.794	180	44413	11.26	ng	89
31) Naphthalene	10.988	128	115062	11.54	ng	96
32) Benzoic acid	10.154	122	16416	9.88	ng	# 76
33) 4-Chloroaniline	11.082	127	46948	10.85	ng	# 87
34) Hexachlorobutadiene	11.276	225	34841	11.81	ng	92
35) Caprolactam	11.840	113	10143	8.82	ng	# 80
36) 4-Chloro-3-methylphenol	12.193	107	37830	9.86	ng	89
37) 2-Methylnaphthalene	12.586	142	89049	11.48	ng	# 95
38) 1-Methylnaphthalene	12.804	142	84022	11.45	ng	# 94
40) 1,2,4,5-Tetrachloroben...	12.951	216	56764	11.65	ng	# 98
41) Hexachlorocyclopentadiene	12.927	237	27671	9.31	ng	86
43) 2,4,6-Trichlorophenol	13.180	196	27265	7.78	ng	88

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.250	196	29586	7.83	ng	#	86
46) 1,1'-Biphenyl	13.585	154	113132	11.57	ng		97
47) 2-Chloronaphthalene	13.632	162	91421	10.99	ng		94
48) 2-Nitroaniline	13.820	65	18420	6.17	ng		89
49) Acenaphthylene	14.478	152	149476	11.61	ng		98
50) Dimethylphthalate	14.196	163	116059	10.17	ng		100
51) 2,6-Dinitrotoluene	14.314	165	19404	7.57	ng	#	78
52) Acenaphthene	14.813	154	94116	10.80	ng		94
53) 3-Nitroaniline	14.643	138	19801	7.86	ng	#	81
54) 2,4-Dinitrophenol	14.843	184	12033	7.21	ng	#	63
55) Dibenzofuran	15.148	168	152127	11.16	ng	#	90
56) 4-Nitrophenol	14.931	139	17667	8.56	ng		87
57) 2,4-Dinitrotoluene	15.101	165	24562	6.63	ng	#	85
58) Fluorene	15.800	166	127088	11.76	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.371	232	29740	7.86	ng	#	46
60) Diethylphthalate	15.560	149	112186	9.62	ng		97
61) 4-Chlorophenyl-phenyle...	15.789	204	72976	11.21	ng		94
62) 4-Nitroaniline	15.806	138	22661	8.65	ng	#	71
63) Azobenzene	16.082	77	149987	12.88	ng		86
65) 4,6-Dinitro-2-methylph...	15.859	198	18237	7.54	ng		94
66) n-Nitrosodiphenylamine	16.000	169	114881	11.93	ng		95
67) 4-Bromophenyl-phenylether	16.688	248	48809	11.43	ng		96
68) Hexachlorobenzene	16.805	284	51858	11.77	ng		93
69) Atrazine	16.946	200	39546	9.87	ng		96
70) Pentachlorophenol	17.146	266	23731	8.19	ng		92
71) Phenanthrene	17.545	178	214886	11.88	ng		98
72) Anthracene	17.639	178	213361	11.88	ng		96
73) Carbazole	17.898	167	197385	11.62	ng		98
74) Di-n-butylphthalate	18.462	149	179459	9.53	ng	#	94
75) Fluoranthene	19.555	202	289156	12.28	ng		95
77) Benzidine	19.731	184	110076	9.14	ng		97
78) Pyrene	19.913	202	297977	11.58	ng		98
80) Butylbenzylphthalate	20.800	149	74570	8.27	ng		94
81) Benzo(a)anthracene	21.776	228	307218	11.95	ng		96
82) 3,3'-Dichlorobenzidine	21.688	252	99478	10.80	ng		98
83) Chrysene	21.846	228	291452	11.87	ng		99
84) Bis(2-ethylhexyl)phtha...	21.682	149	112820	8.91	ng		95
85) Di-n-octyl phthalate	22.945	149	181529	8.42	ng		96
87) Indeno(1,2,3-cd)pyrene	28.956	276	325169	11.99	ng	#	82
88) Benzo(b)fluoranthene	24.073	252	299827	12.11	ng	#	94
89) Benzo(k)fluoranthene	24.138	252	289452	12.26	ng	#	97
90) Benzo(a)pyrene	24.972	252	275976	12.02	ng	#	94
91) Dibenzo(a,h)anthracene	29.026	278	281195	12.15	ng	#	95
92) Benzo(g,h,i)perylene	30.148	276	266287	11.84	ng	#	89

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

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