Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012121\
Data File : BG047948.D
Acq On : 21 Jan 2021 10:51
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
1/22/2021 11:55:03 AM

Quant Time: Jan 21 12:41:44 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	34723	20.00	ng		0.00
21) Naphthalene-d8	10.966	136	137370	20.00	ng		0.00
39) Acenaphthene-d10	14.767	164	102266	20.00	ng		0.00
64) Phenanthrene-d10	17.511	188	271979	20.00	ng	#	0.00
76) Chrysene-d12	21.794	240	303077	20.00	ng	#	0.00
86) Perylene-d12	25.096	264	302860	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.696	112	87352	45.76	ng		0.00
7) Phenol-d6	7.288	99	131079	44.92	ng		0.00
23) Nitrobenzene-d5	9.309	82	119710	42.76	ng		0.00
42) 2,4,6-Tribromophenol	16.248	330	65788	48.44	ng		0.00
45) 2-Fluorobiphenyl	13.398	172	313502	40.81	ng		0.00
79) Terphenyl-d14	20.114	244	700324	42.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.592	88	20825	20.12	ng	#	92
3) Pyridine	3.986	79	61074	20.08	ng		96
4) n-Nitrosodimethylamine	3.898	42	29084	19.02	ng	#	61
6) Aniline	7.464	93	77931	20.77	ng		94
8) 2-Chlorophenol	7.711	128	45111	23.60	ng		92
9) Benzaldehyde	7.282	77	35843	18.70	ng	#	80
10) Phenol	7.311	94	62606	22.48	ng		82
11) bis(2-Chloroethyl)ether	7.558	93	49080	20.75	ng		88
12) 1,3-Dichlorobenzene	8.040	146	58089	20.87	ng	#	90
13) 1,4-Dichlorobenzene	8.181	146	56891	20.70	ng		94
14) 1,2-Dichlorobenzene	8.504	146	54501m	20.71	ng		
15) Benzyl Alcohol	8.375	79	53867	23.71	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.675	45	83333	20.20	ng		97
17) 2-Methylphenol	8.575	107	42147	23.23	ng	#	85
18) Hexachloroethane	9.239	117	20931	22.46	ng		95
19) n-Nitroso-di-n-propyla...	8.945	70	46193	21.58	ng		96
20) 3+4-Methylphenols	8.898	107	55774	22.93	ng		92
22) Acetophenone	8.968	105	79893	19.69	ng	#	88
24) Nitrobenzene	9.350	77	63026	21.75	ng	#	86
25) Isophorone	9.873	82	116490	20.72	ng		97
26) 2-Nitrophenol	10.067	139	22619	28.89	ng	#	85
27) 2,4-Dimethylphenol	10.114	122	39380m	22.40	ng		
28) bis(2-Chloroethoxy)met...	10.355	93	70210	20.43	ng		98
29) 2,4-Dichlorophenol	10.596	162	47953	23.16	ng		95
30) 1,2,4-Trichlorobenzene	10.819	180	63111	20.22	ng		94
31) Naphthalene	11.013	128	153796	20.03	ng		98
32) Benzoic acid	10.196	122	26258	26.29	ng	#	85
33) 4-Chloroaniline	11.107	127	67400	20.20	ng	#	86
34) Hexachlorobutadiene	11.301	225	46741	19.89	ng		95
35) Caprolactam	11.859	113	19287	25.19	ng		86
36) 4-Chloro-3-methylphenol	12.212	107	53990	23.08	ng		92
37) 2-Methylnaphthalene	12.611	142	116628	20.33	ng	#	92
38) 1-Methylnaphthalene	12.823	142	110350m	20.45	ng		
40) 1,2,4,5-Tetrachloroben...	12.970	216	78829	20.00	ng		98
41) Hexachlorocyclopentadiene	12.958	237	39242	23.99	ng		98
43) 2,4,6-Trichlorophenol	13.199	196	48784	25.22	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.269	196	51254	24.98	ng	#	91
46) 1,1'-Biphenyl	13.610	154	154912	19.95	ng		96
47) 2-Chloronaphthalene	13.651	162	124019	19.47	ng		95
48) 2-Nitroaniline	13.839	65	41792	27.48	ng	#	79
49) Acenaphthylene	14.491	152	200558	20.64	ng		96
50) Dimethylphthalate	14.215	163	183979	24.13	ng		98
51) 2,6-Dinitrotoluene	14.327	165	34327	24.66	ng	#	75
52) Acenaphthene	14.832	154	129325	20.48	ng		95
53) 3-Nitroaniline	14.656	138	38268	23.57	ng	#	78
54) 2,4-Dinitrophenol	14.861	184	17594	24.71	ng	#	80
55) Dibenzofuran	15.167	168	198010	20.46	ng		96
56) 4-Nitrophenol	14.944	139	29322	23.53	ng	#	70
57) 2,4-Dinitrotoluene	15.114	165	48377	25.09	ng	#	76
58) Fluorene	15.813	166	168320	20.64	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.384	232	53835	26.83	ng	#	97
60) Diethylphthalate	15.578	149	180288	24.52	ng		96
61) 4-Chlorophenyl-phenyle...	15.807	204	99010	20.18	ng		94
62) 4-Nitroaniline	15.819	138	41493	22.43	ng	#	63
63) Azobenzene	16.095	77	175209	20.85	ng		87
65) 4,6-Dinitro-2-methylph...	15.878	198	23989	24.67	ng		92
66) n-Nitrosodiphenylamine	16.013	169	158055	20.27	ng		95
67) 4-Bromophenyl-phenylether	16.700	248	70360	19.89	ng		98
68) Hexachlorobenzene	16.818	284	75999	19.91	ng		100
69) Atrazine	16.959	200	61549	25.18	ng		97
70) Pentachlorophenol	17.153	266	42504	23.11	ng		94
71) Phenanthrene	17.558	178	298563	20.20	ng		95
72) Anthracene	17.646	178	297384	20.71	ng		97
73) Carbazole	17.911	167	273857	21.23	ng		100
74) Di-n-butylphthalate	18.469	149	334278	26.00	ng	#	98
75) Fluoranthene	19.556	202	418231	21.35	ng		94
77) Benzidine	19.732	184	154692	23.20	ng		99
78) Pyrene	19.914	202	418885	20.25	ng		96
80) Butylbenzylphthalate	20.802	149	145819	28.66	ng	#	85
81) Benzo(a)anthracene	21.777	228	426999	20.49	ng		97
82) 3,3'-Dichlorobenzidine	21.683	252	144608	22.85	ng		94
83) Chrysene	21.841	228	415294	20.69	ng		97
84) Bis(2-ethylhexyl)phtha...	21.689	149	208072	27.14	ng		95
85) Di-n-octyl phthalate	22.940	149	342360	28.14	ng	#	93
87) Indeno(1,2,3-cd)pyrene	28.874	276	476934	21.30	ng	#	90
88) Benzo(b)fluoranthene	24.051	252	419178	20.84	ng	#	97
89) Benzo(k)fluoranthene	24.121	252	410989	21.14	ng	#	98
90) Benzo(a)pyrene	24.950	252	392874	20.99	ng	#	97
91) Dibenzo(a,h)anthracene	28.951	278	388459	21.53	ng	#	95
92) Benzo(g,h,i)perylene	30.061	276	377279	20.75	ng	#	95

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

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