Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012021\
Data File : BG047936.D
Acq On : 20 Jan 2021 13:16
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 20 14:51:12 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 :
SSTDICC060

Manual Integrations APPROVED
mohammad
1/22/2021 11:49:45 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.153	152	48388	20.00	ng		0.00
21) Naphthalene-d8	10.967	136	177571	20.00	ng	#	0.00
39) Acenaphthene-d10	14.774	164	129143	20.00	ng		0.00
64) Phenanthrene-d10	17.518	188	317970	20.00	ng	#	0.00
76) Chrysene-d12	21.801	240	320775	20.00	ng	#	0.00
86) Perylene-d12	25.109	264	347325	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.702	112	358286	128.09	ng		0.00
7) Phenol-d6	7.301	99	544869	133.26	ng		0.00
23) Nitrobenzene-d5	9.322	82	526924	109.15	ng		0.00
42) 2,4,6-Tribromophenol	16.261	330	251459	114.06	ng		0.00
45) 2-Fluorobiphenyl	13.405	172	1173656	117.60	ng		0.00
79) Terphenyl-d14	20.121	244	2054889	105.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.599	88	87222	72.58	ng	#	88
3) Pyridine	3.993	79	254534m	82.07	ng		
4) n-Nitrosodimethylamine	3.905	42	132945	54.17	ng	#	71
6) Aniline	7.477	93	325404	71.75	ng	#	90
8) 2-Chlorophenol	7.718	128	185543	65.08	ng		89
9) Benzaldehyde	7.283	77	150115	56.02	ng		84
10) Phenol	7.324	94	252120	68.01	ng		72
11) bis(2-Chloroethyl)ether	7.571	93	202443	76.63	ng		90
12) 1,3-Dichlorobenzene	8.047	146	234733	61.07	ng	#	93
13) 1,4-Dichlorobenzene	8.188	146	233312	60.75	ng	#	92
14) 1,2-Dichlorobenzene	8.511	146	223242	61.82	ng		92
15) Benzyl Alcohol	8.388	79	228049	62.95	ng	#	83
16) 2,2'-oxybis(1-Chloropr...	8.675	45	346491	132.03	ng		96
17) 2-Methylphenol	8.581	107	168521	64.43	ng	#	85
18) Hexachloroethane	9.245	117	87726	58.26	ng		97
19) n-Nitroso-di-n-propyla...	8.963	70	190565	66.97	ng	#	92
20) 3+4-Methylphenols	8.916	107	232097	64.77	ng		90
22) Acetophenone	8.975	105	326666	64.28	ng	#	89
24) Nitrobenzene	9.363	77	269198	59.08	ng	#	85
25) Isophorone	9.886	82	478408	65.72	ng	#	94
27) 2,4-Dimethylphenol	10.127	122	156353	60.25	ng		88
28) bis(2-Chloroethoxy)met...	10.368	93	285398	75.85	ng		97
29) 2,4-Dichlorophenol	10.608	162	203978	60.37	ng		95
30) 1,2,4-Trichlorobenzene	10.826	180	253515	58.47	ng		94
31) Naphthalene	11.020	128	620001	63.53	ng		99
32) Benzoic acid	10.274	122	110108	80.81	ng		89
33) 4-Chloroaniline	11.114	127	278046	67.06	ng	#	90
34) Hexachlorobutadiene	11.308	225	190606	49.85	ng		97
35) Caprolactam	11.901	113	71443	66.58	ng	#	77
36) 4-Chloro-3-methylphenol	12.224	107	222339	60.20	ng		89
37) 2-Methylnaphthalene	12.618	142	472334	62.39	ng	#	95
38) 1-Methylnaphthalene	12.835	142	442054	61.78	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.976	216	310975	58.67	ng		98
41) Hexachlorocyclopentadiene	12.965	237	158173	55.11	ng		97
43) 2,4,6-Trichlorophenol	13.205	196	197407	58.29	ng		99
44) 2,4,5-Trichlorophenol	13.276	196	200509	59.84	ng	#	92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.617	154	614576	62.36	ng		98
47) 2-Chloronaphthalene	13.658	162	498742	62.24	ng		94
48) 2-Nitroaniline	13.852	65	170462	57.57	ng	#	79
49) Acenaphthylene	14.498	152	762196	64.09	ng		98
50) Dimethylphthalate	14.228	163	685727	61.60	ng		99
51) 2,6-Dinitrotoluene	14.339	165	136838	60.47	ng	#	61
52) Acenaphthene	14.839	154	509028	60.68	ng		99
53) 3-Nitroaniline	14.668	138	149557	66.69	ng	#	78
54) 2,4-Dinitrophenol	14.868	184	64807	44.70	ng	#	75
55) Dibenzofuran	15.174	168	758028	62.33	ng		93
56) 4-Nitrophenol	14.962	139	114104	70.58	ng	#	60
57) 2,4-Dinitrotoluene	15.127	165	193583	57.54	ng	#	73
58) Fluorene	15.820	166	637254	61.69	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.391	232	203139	59.35	ng	#	96
60) Diethylphthalate	15.591	149	669712	62.40	ng		97
61) 4-Chlorophenyl-phenyle...	15.814	204	390840	60.04	ng		98
62) 4-Nitroaniline	15.838	138	164124	66.54	ng	#	65
63) Azobenzene	16.108	77	655858	65.54	ng		89
65) 4,6-Dinitro-2-methylph...	15.891	198	87871	43.25	ng		87
66) n-Nitrosodiphenylamine	16.026	169	577866	63.51	ng		99
67) 4-Bromophenyl-phenylether	16.707	248	267816	62.68	ng		98
68) Hexachlorobenzene	16.825	284	284797	61.45	ng		97
69) Atrazine	16.966	200	202779	53.06	ng		98
70) Pentachlorophenol	17.160	266	160394	75.95	ng		94
71) Phenanthrene	17.559	178	1057342	61.68	ng		99
72) Anthracene	17.653	178	1040441	62.60	ng		100
73) Carbazole	17.918	167	934859	64.24	ng		98
74) Di-n-butylphthalate	18.476	149	1108279	64.61	ng	#	97
75) Fluoranthene	19.563	202	1366027	59.44	ng		97
77) Benzidine	19.733	184	491804	57.01	ng		100
78) Pyrene	19.921	202	1360430	59.20	ng		97
80) Butylbenzylphthalate	20.808	149	467756	59.35	ng	#	87
81) Benzo(a)anthracene	21.784	228	1373649	59.62	ng		99
82) 3,3'-Dichlorobenzidine	21.690	252	480344	59.23	ng		100
83) Chrysene	21.854	228	1301231	59.80	ng		98
84) Bis(2-ethylhexyl)phtha...	21.695	149	664052	61.14	ng		97
85) Di-n-octyl phthalate	22.947	149	1082705	58.79	ng	#	91
87) Indeno(1,2,3-cd)pyrene	28.899	276	1669227	63.30	ng	#	90
88) Benzo(b)fluoranthene	24.063	252	1431059	59.76	ng	#	98
89) Benzo(k)fluoranthene	24.140	252	1378899	59.39	ng	#	98
90) Benzo(a)pyrene	24.962	252	1348513	60.52	ng	#	97
91) Dibenzo(a,h)anthracene	28.975	278	1345612	62.98	ng	#	96
92) Benzo(g,h,i)perylene	30.097	276	1330064	63.65	ng	#	94

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

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