Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063021\
Data File : BG049138.D
Acq On : 30 Jun 2021 11:59
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
7/1/2021 2:51:27 PM

Quant Time: Jun 30 13:33:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 30 13:31:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.094	152	33642	20.000	ng		0.00
21) Naphthalene-d8	10.914	136	141960	20.000	ng	#	0.00
39) Acenaphthene-d10	14.739	164	100099	20.000	ng		0.00
64) Phenanthrene-d10	17.483	188	221832	20.000	ng	#	0.00
76) Chrysene-d12	21.772	240	213443	20.000	ng		0.00
86) Perylene-d12	25.086	264	225634	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.644	112	91421	42.302	ng		0.00
7) Phenol-d6	7.242	99	130260	40.214	ng		0.00
23) Nitrobenzene-d5	9.257	82	134171	40.754	ng		0.00
42) 2,4,6-Tribromophenol	16.225	330	67387	45.439	ng		0.00
45) 2-Fluorobiphenyl	13.358	172	300546	42.415	ng		0.00
79) Terphenyl-d14	20.091	244	524901	45.038	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.523	88	19829	18.794	ng	#	80
3) Pyridine	3.928	79	56119	19.608	ng		91
4) n-Nitrosodimethylamine	3.846	42	30590	22.319	ng	#	84
6) Aniline	7.406	93	78148	19.158	ng		95
8) 2-Chlorophenol	7.653	128	49193	20.652	ng		89
9) Benzaldehyde	7.224	77	34435	20.545	ng		91
10) Phenol	7.271	94	65052	19.440	ng		96
11) bis(2-Chloroethyl)ether	7.506	93	46878	18.881	ng		83
12) 1,3-Dichlorobenzene	7.982	146	56519	21.240	ng		93
13) 1,4-Dichlorobenzene	8.129	146	56494	21.295	ng		97
14) 1,2-Dichlorobenzene	8.446	146	55264	21.654	ng		91
15) Benzyl Alcohol	8.329	79	56489	19.042	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.622	45	82588	17.580	ng		83
17) 2-Methylphenol	8.528	107	44009	20.054	ng		92
18) Hexachloroethane	9.187	117	22722	21.350	ng		96
19) n-Nitroso-di-n-propyla...	8.899	70	46596	18.404	ng		98
20) 3+4-Methylphenols	8.857	107	61369	20.454	ng		95
22) Acetophenone	8.916	105	84207	19.497	ng	#	97
24) Nitrobenzene	9.304	77	74892	20.195	ng		98
25) Isophorone	9.827	82	127160	17.729	ng	#	95
26) 2-Nitrophenol	10.021	139	28122	22.355	ng		96
27) 2,4-Dimethylphenol	10.068	122	42054	18.439	ng		97
28) bis(2-Chloroethoxy)met...	10.309	93	61623	18.555	ng		96
29) 2,4-Dichlorophenol	10.555	162	51986	20.317	ng		98
30) 1,2,4-Trichlorobenzene	10.773	180	62207	21.205	ng		90
31) Naphthalene	10.961	128	164077	19.401	ng		99
32) Benzoic acid	10.185	122	27485	18.450	ng	#	70
33) 4-Chloroaniline	11.067	127	68993	19.213	ng		94
34) Hexachlorobutadiene	11.249	225	45466	21.745	ng		98
35) Caprolactam	11.836	113	15503	20.960	ng	#	37
36) 4-Chloro-3-methylphenol	12.183	107	59291	18.958	ng		94
37) 2-Methylnaphthalene	12.565	142	124166	19.437	ng		95
38) 1-Methylnaphthalene	12.782	142	116696	19.458	ng		97
40) 1,2,4,5-Tetrachloroben...	12.929	216	69948	22.006	ng		98
41) Hexachlorocyclopentadiene	12.912	237	39611	19.386	ng		85
43) 2,4,6-Trichlorophenol	13.170	196	47350	22.264	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.241	196	51632	23.479	ng		89
46) 1,1'-Biphenyl	13.570	154	150236	20.358	ng		99
47) 2-Chloronaphthalene	13.611	162	125541	21.302	ng		98
48) 2-Nitroaniline	13.810	65	45902	22.503	ng		95
49) Acenaphthylene	14.457	152	195134	19.870	ng		99
50) Dimethylphthalate	14.181	163	161616	20.727	ng	#	99
51) 2,6-Dinitrotoluene	14.304	165	36783	23.165	ng		88
52) Acenaphthene	14.798	154	120661m	19.063	ng		
53) 3-Nitroaniline	14.633	138	33665	20.941	ng	#	76
54) 2,4-Dinitrophenol	14.839	184	19543	26.570	ng		87
55) Dibenzofuran	15.132	168	197998	20.124	ng		98
56) 4-Nitrophenol	14.939	139	28711	21.906	ng		89
57) 2,4-Dinitrotoluene	15.085	165	51018	26.157	ng	#	99
58) Fluorene	15.785	166	164119	20.398	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.356	232	47684	21.421	ng		97
60) Diethylphthalate	15.544	149	167122	19.790	ng		95
61) 4-Chlorophenyl-phenyle...	15.773	204	90302	21.465	ng		99
62) 4-Nitroaniline	15.796	138	36675	22.558	ng	#	77
63) Azobenzene	16.067	77	173306	17.936	ng		89
65) 4,6-Dinitro-2-methylph...	15.849	198	30283	28.788	ng		90
66) n-Nitrosodiphenylamine	15.984	169	140321	20.298	ng		98
67) 4-Bromophenyl-phenylether	16.666	248	61034	22.035	ng		97
68) Hexachlorobenzene	16.789	284	65712	21.889	ng		97
69) Atrazine	16.930	200	48559	21.883	ng		93
70) Pentachlorophenol	17.130	266	38865	21.542	ng		96
71) Phenanthrene	17.530	178	257161	20.603	ng		97
72) Anthracene	17.618	178	259370	20.679	ng		98
73) Carbazole	17.888	167	244959	20.375	ng		98
74) Di-n-butylphthalate	18.440	149	284284	21.082	ng	#	97
75) Fluoranthene	19.533	202	327948	21.788	ng		98
77) Benzidine	19.709	184	102840	23.917	ng		96
78) Pyrene	19.897	202	325120	20.986	ng		97
80) Butylbenzylphthalate	20.779	149	119162	20.387	ng		92
81) Benzo(a)anthracene	21.754	228	326144	21.282	ng		97
82) 3,3'-Dichlorobenzidine	21.660	252	111152	22.680	ng		98
83) Chrysene	21.819	228	312054	21.237	ng		99
84) Bis(2-ethylhexyl)phtha...	21.654	149	168260	20.195	ng		95
85) Di-n-octyl phthalate	22.900	149	286425	20.270	ng		97
87) Indeno(1,2,3-cd)pyrene	28.869	276	365776	21.540	ng	#	97
88) Benzo(b)fluoranthene	24.028	252	326195m	20.280	ng		
89) Benzo(k)fluoranthene	24.098	252	316697	20.752	ng		98
90) Benzo(a)pyrene	24.927	252	305098	20.780	ng		98
91) Dibenzo(a,h)anthracene	28.940	278	304693	21.470	ng		97
92) Benzo(g,h,i)perylene	30.056	276	299659	20.940	ng	#	98

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

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