Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063021\
Data File : BG049136.D
Acq On : 30 Jun 2021 10:38
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
mohammad
7/1/2021 2:51:22 PM

Quant Time: Jun 30 13:31:51 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	8.091	152	31048	20.000	ng		0.00
21) Naphthalene-d8	10.911	136	128941	20.000	ng	#	0.00
39) Acenaphthene-d10	14.736	164	96032	20.000	ng		0.00
64) Phenanthrene-d10	17.480	188	221308	20.000	ng	#	0.00
76) Chrysene-d12	21.769	240	231140	20.000	ng		0.00
86) Perylene-d12	25.083	264	238175	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.641	112	20791	10.424	ng		0.00
7) Phenol-d6	7.239	99	28648	9.583	ng		0.00
23) Nitrobenzene-d5	9.254	82	30134	10.077	ng		0.00
42) 2,4,6-Tribromophenol	16.217	330	15529	10.915	ng		0.00
45) 2-Fluorobiphenyl	13.355	172	70778	10.412	ng		0.00
79) Terphenyl-d14	20.089	244	140021	11.094	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.520	88	4615m	4.740	ng		
3) Pyridine	3.937	79	11011	4.169	ng		93
4) n-Nitrosodimethylamine	3.849	42	6401	5.060	ng	#	41
6) Aniline	7.409	93	18103	4.809	ng	#	93
8) 2-Chlorophenol	7.650	128	11874	5.401	ng		94
9) Benzaldehyde	7.221	77	7778	5.028	ng	#	76
10) Phenol	7.274	94	13921	4.508	ng		92
11) bis(2-Chloroethyl)ether	7.497	93	10723	4.680	ng		89
12) 1,3-Dichlorobenzene	7.979	146	13373	5.446	ng		96
13) 1,4-Dichlorobenzene	8.126	146	13348	5.452	ng		97
14) 1,2-Dichlorobenzene	8.449	146	12314m	5.228	ng		
15) Benzyl Alcohol	8.326	79	11817	4.316	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.626	45	19298	4.451	ng		89
17) 2-Methylphenol	8.532	107	9999	4.937	ng	#	92
18) Hexachloroethane	9.184	117	5176	5.270	ng		87
19) n-Nitroso-di-n-propyla...	8.890	70	10246	4.385	ng		88
20) 3+4-Methylphenols	8.855	107	13784m	4.978	ng		
22) Acetophenone	8.913	105	19025	4.850	ng	#	95
24) Nitrobenzene	9.295	77	16050	4.765	ng		96
25) Isophorone	9.824	82	28960	4.445	ng		96
26) 2-Nitrophenol	10.018	139	5907	5.170	ng		89
27) 2,4-Dimethylphenol	10.071	122	9792	4.727	ng		97
28) bis(2-Chloroethoxy)met...	10.306	93	13675	4.533	ng		95
29) 2,4-Dichlorophenol	10.559	162	11273	4.850	ng		89
30) 1,2,4-Trichlorobenzene	10.776	180	13077	4.908	ng	#	86
31) Naphthalene	10.964	128	38444	5.005	ng	#	94
33) 4-Chloroaniline	11.070	127	14679	4.501	ng		95
34) Hexachlorobutadiene	11.246	225	10332	5.440	ng		94
35) Caprolactam	11.822	113	3926	5.844	ng	#	82
36) 4-Chloro-3-methylphenol	12.180	107	13083	4.605	ng	#	89
37) 2-Methylnaphthalene	12.568	142	28176	4.856	ng		95
38) 1-Methylnaphthalene	12.785	142	26826	4.925	ng		87
40) 1,2,4,5-Tetrachloroben...	12.932	216	16194	5.311	ng	#	97
41) Hexachlorocyclopentadiene	12.915	237	8125	4.145	ng		89
43) 2,4,6-Trichlorophenol	13.167	196	10714	5.251	ng		94
44) 2,4,5-Trichlorophenol	13.244	196	12603	5.974	ng		86

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.567	154	34964	4.938	ng		82
47) 2-Chloronaphthalene	13.614	162	28663	5.070	ng		96
48) 2-Nitroaniline	13.802	65	9703	4.958	ng	#	84
49) Acenaphthylene	14.454	152	45983	4.881	ng		95
50) Dimethylphthalate	14.178	163	37354	4.994	ng		96
51) 2,6-Dinitrotoluene	14.301	165	8097	5.315	ng		89
52) Acenaphthene	14.795	154	29337	4.831	ng		97
53) 3-Nitroaniline	14.630	138	8277	5.367	ng		94
55) Dibenzofuran	15.130	168	47834	5.068	ng	#	96
56) 4-Nitrophenol	14.936	139	6071	4.828	ng	#	69
57) 2,4-Dinitrotoluene	15.089	165	11660	6.231	ng		85
58) Fluorene	15.782	166	39659	5.138	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.353	232	10740	5.029	ng	#	96
60) Diethylphthalate	15.541	149	39805	4.913	ng		98
61) 4-Chlorophenyl-phenyle...	15.770	204	21622	5.357	ng		96
62) 4-Nitroaniline	15.788	138	8785	5.632	ng	#	79
63) Azobenzene	16.064	77	42140	4.546	ng		92
65) 4,6-Dinitro-2-methylph...	15.852	198	6476	6.171	ng		94
66) n-Nitrosodiphenylamine	15.982	169	34856	5.054	ng		96
67) 4-Bromophenyl-phenylether	16.669	248	14350	5.193	ng		91
68) Hexachlorobenzene	16.787	284	16655	5.561	ng		93
69) Atrazine	16.928	200	12353	5.580	ng		89
70) Pentachlorophenol	17.127	266	7966	4.426	ng		92
71) Phenanthrene	17.527	178	66953	5.377	ng		98
72) Anthracene	17.615	178	66808	5.339	ng		98
73) Carbazole	17.885	167	64681	5.393	ng	#	95
74) Di-n-butylphthalate	18.438	149	71016	5.279	ng		98
75) Fluoranthene	19.530	202	84243	5.610	ng		98
77) Benzidine	19.707	184	23872	5.127	ng	#	95
78) Pyrene	19.895	202	87402	5.210	ng		99
80) Butylbenzylphthalate	20.776	149	30856	4.875	ng		91
81) Benzo(a)anthracene	21.751	228	88553	5.336	ng		98
82) 3,3'-Dichlorobenzidine	21.663	252	28466	5.364	ng		94
83) Chrysene	21.816	228	83268	5.233	ng		97
84) Bis(2-ethylhexyl)phtha...	21.651	149	46571	5.162	ng	#	94
85) Di-n-octyl phthalate	22.891	149	74383	4.861	ng		98
87) Indeno(1,2,3-cd)pyrene	28.855	276	93356	5.208	ng	#	75
88) Benzo(b)fluoranthene	24.019	252	85772	5.052	ng		99
89) Benzo(k)fluoranthene	24.084	252	83252m	5.168	ng		
90) Benzo(a)pyrene	24.918	252	78944	5.094	ng	#	98
91) Dibenzo(a,h)anthracene	28.914	278	79119	5.281	ng	#	99
92) Benzo(g,h,i)perylene	30.030	276	79034	5.232	ng		99

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

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