Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082421\
Data File : BG049961.D
Acq On : 24 Aug 2021 21:35
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
8/25/2021 3:34:17 PM

Quant Time: Aug 25 01:41:43 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 23 16:13:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.982	152	32163	20.000	ng		0.00
21) Naphthalene-d8	10.802	136	122977	20.000	ng		0.00
39) Acenaphthene-d10	14.643	164	79041	20.000	ng		0.00
64) Phenanthrene-d10	17.398	188	152371	20.000	ng	#	0.00
76) Chrysene-d12	21.675	240	122375	20.000	ng		0.00
86) Perylene-d12	24.918	264	129264	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.538	112	143928	80.218	ng		0.00
7) Phenol-d6	7.159	99	211061	77.712	ng		0.00
23) Nitrobenzene-d5	9.157	82	212732	76.548	ng		0.00
42) 2,4,6-Tribromophenol	16.141	330	93968	80.881	ng		0.00
45) 2-Fluorobiphenyl	13.257	172	447124	82.312	ng		0.00
79) Terphenyl-d14	20.007	244	571433	84.808	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.376	88	25736	32.824	ng		95
3) Pyridine	3.793	79	74268	34.556	ng	#	85
4) n-Nitrosodimethylamine	3.711	42	39664	34.322	ng	#	68
6) Aniline	7.306	93	109721	38.118	ng		93
8) 2-Chlorophenol	7.553	128	81217	41.519	ng		98
9) Benzaldehyde	7.112	77	63614	35.103	ng		93
10) Phenol	7.189	94	104301	39.634	ng		90
11) bis(2-Chloroethyl)ether	7.400	93	67357	37.908	ng		92
12) 1,3-Dichlorobenzene	7.870	146	90243	40.280	ng		94
13) 1,4-Dichlorobenzene	8.017	146	90421	39.872	ng		97
14) 1,2-Dichlorobenzene	8.340	146	86507	40.267	ng		95
15) Benzyl Alcohol	8.229	79	85613	37.535	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.511	45	75098	37.196	ng		98
17) 2-Methylphenol	8.440	107	70803	40.857	ng		94
18) Hexachloroethane	9.063	117	30752	35.276	ng		92
19) n-Nitroso-di-n-propyla...	8.793	70	66315	36.487	ng	#	87
20) 3+4-Methylphenols	8.775	107	96615	39.697	ng		95
22) Acetophenone	8.810	105	125529	37.572	ng	#	94
24) Nitrobenzene	9.198	77	108598	37.033	ng		95
25) Isophorone	9.721	82	178934	36.082	ng		98
26) 2-Nitrophenol	9.915	139	32907	29.404	ng		94
27) 2,4-Dimethylphenol	9.979	122	68179	41.219	ng		91
28) bis(2-Chloroethoxy)met...	10.196	93	84928	39.149	ng		92
29) 2,4-Dichlorophenol	10.461	162	84471	41.615	ng		92
30) 1,2,4-Trichlorobenzene	10.666	180	92376	41.333	ng		97
31) Naphthalene	10.854	128	252256	39.167	ng		98
32) Benzoic acid	10.120	122	28231m	26.626	ng		
33) 4-Chloroaniline	10.966	127	100096	39.366	ng		94
34) Hexachlorobutadiene	11.131	225	65714	40.462	ng		97
35) Caprolactam	11.765	113	23835	38.005	ng		87
36) 4-Chloro-3-methylphenol	12.106	107	92886	39.617	ng		95
37) 2-Methylnaphthalene	12.464	142	192778	39.734	ng		97
38) 1-Methylnaphthalene	12.681	142	177681	38.967	ng	#	93
40) 1,2,4,5-Tetrachloroben...	12.834	216	104154	44.722	ng		99
41) Hexachlorocyclopentadiene	12.805	237	1164	4.428	ng		90
43) 2,4,6-Trichlorophenol	13.081	196	68117	43.384	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.163	196	72543	42.589	ng		92
46) 1,1'-Biphenyl	13.469	154	232975	41.384	ng		96
47) 2-Chloronaphthalene	13.516	162	189492	42.143	ng		98
48) 2-Nitroaniline	13.721	65	66102	40.037	ng		92
49) Acenaphthylene	14.361	152	289371	40.605	ng		96
50) Dimethylphthalate	14.091	163	232346	38.961	ng		99
51) 2,6-Dinitrotoluene	14.220	165	48609	37.021	ng	#	85
52) Acenaphthene	14.708	154	171623	39.978	ng		91
53) 3-Nitroaniline	14.555	138	57163	44.643	ng	#	95
54) 2,4-Dinitrophenol	14.779	184	3136	4.207	ng		91
55) Dibenzofuran	15.043	168	275717	39.590	ng		98
56) 4-Nitrophenol	14.890	139	33171	35.460	ng		96
57) 2,4-Dinitrotoluene	15.014	165	65291	35.404	ng		97
58) Fluorene	15.695	166	220206	38.902	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.278	232	60944	38.523	ng		98
60) Diethylphthalate	15.454	149	229840	38.321	ng		97
61) 4-Chlorophenyl-phenyle...	15.677	204	119005	39.389	ng		98
62) 4-Nitroaniline	15.724	138	60242	45.737	ng		88
63) Azobenzene	15.977	77	225719	35.556	ng		88
65) 4,6-Dinitro-2-methylph...	15.789	198	7156	7.306	ng		92
66) n-Nitrosodiphenylamine	15.895	169	190943	44.350	ng		96
67) 4-Bromophenyl-phenylether	16.576	248	78940	43.989	ng		97
68) Hexachlorobenzene	16.705	284	87029	43.651	ng		98
69) Atrazine	16.846	200	72523	42.111	ng		97
70) Pentachlorophenol	17.058	266	28303m	26.475	ng		
71) Phenanthrene	17.440	178	332331	41.456	ng		97
72) Anthracene	17.534	178	325722	41.372	ng		98
73) Carbazole	17.804	167	304867	40.886	ng		96
74) Di-n-butylphthalate	18.344	149	346093	39.816	ng		99
75) Fluoranthene	19.455	202	362565	36.754	ng		99
77) Benzidine	19.631	184	139340	44.439	ng		99
78) Pyrene	19.813	202	356164	42.691	ng		97
80) Butylbenzylphthalate	20.688	149	131324	41.331	ng		95
81) Benzo(a)anthracene	21.657	228	326369	40.952	ng		98
82) 3,3'-Dichlorobenzidine	21.563	252	93440	40.156	ng		98
83) Chrysene	21.722	228	311638	40.907	ng		98
84) Bis(2-ethylhexyl)phtha...	21.540	149	175371	38.992	ng		96
85) Di-n-octyl phthalate	22.750	149	297592	39.167	ng		99
87) Indeno(1,2,3-cd)pyrene	28.642	276	309310	33.180	ng	#	97
88) Benzo(b)fluoranthene	23.890	252	332685	39.242	ng		95
89) Benzo(k)fluoranthene	23.954	252	319363	40.386	ng		99
90) Benzo(a)pyrene	24.765	252	302538	39.432	ng	#	98
91) Dibenzo(a,h)anthracene	28.677	278	273261	34.786	ng		97
92) Benzo(g,h,i)perylene	29.788	276	230301	29.924	ng		98

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

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