Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120721\
Data File : BM033330.D
Acq On : 07 Dec 2021 19:04
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 08 01:42:45 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 08 01:34:23 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :Sohil Jodhani 12/10/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.919	152	94115	20.000	ng		0.00
21) Naphthalene-d8	10.713	136	382224	20.000	ng		0.00
39) Acenaphthene-d10	14.542	164	236533	20.000	ng		0.00
64) Phenanthrene-d10	17.283	188	467061	20.000	ng		0.00
76) Chrysene-d12	21.441	240	402643	20.000	ng		0.00
86) Perylene-d12	23.765	264	381100	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.495	112	623611	109.421	ng		0.00
7) Phenol-d6	7.095	99	894264	117.160	ng		0.00
23) Nitrobenzene-d5	9.083	82	994210	120.753	ng		0.00
42) 2,4,6-Tribromophenol	16.030	330	282053	109.389	ng		0.00
45) 2-Fluorobiphenyl	13.166	172	1892966	112.866	ng		0.00
79) Terphenyl-d14	19.889	244	2414770	118.590	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.401	88	118377	48.719	ng		99
3) Pyridine	3.807	79	358756m	58.126	ng		
4) n-Nitrosodimethylamine	3.713	42	205319	65.499	ng		94
6) Aniline	7.248	93	498420	57.991	ng		99
8) 2-Chlorophenol	7.484	128	337565	56.887	ng		99
9) Benzaldehyde	7.060	77	247836m	47.804	ng		
10) Phenol	7.119	94	445592	57.724	ng		98
11) bis(2-Chloroethyl)ether	7.342	93	349851	59.237	ng		98
12) 1,3-Dichlorobenzene	7.801	146	374205	53.671	ng		95
13) 1,4-Dichlorobenzene	7.948	146	390019	54.681	ng		97
14) 1,2-Dichlorobenzene	8.266	146	381856	56.055	ng		99
15) Benzyl Alcohol	8.160	79	383222	64.514	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.442	45	610682	58.340	ng		99
17) 2-Methylphenol	8.366	107	307713	60.387	ng		99
18) Hexachloroethane	8.989	117	153371	59.224	ng		99
19) n-Nitroso-di-n-propyla...	8.725	70	320379	63.128	ng		99
20) 3+4-Methylphenols	8.695	107	422869	61.266	ng		99
22) Acetophenone	8.742	105	575209	58.474	ng	#	99
24) Nitrobenzene	9.125	77	473148	59.652	ng		98
25) Isophorone	9.648	82	766727	59.547	ng		99
26) 2-Nitrophenol	9.830	139	191800	64.829	ng		99
27) 2,4-Dimethylphenol	9.889	122	286564	56.717	ng		97
28) bis(2-Chloroethoxy)met...	10.125	93	479367	57.145	ng		99
29) 2,4-Dichlorophenol	10.366	162	331042	57.840	ng		98
30) 1,2,4-Trichlorobenzene	10.572	180	374222	55.088	ng		99
31) Naphthalene	10.766	128	1120047	55.552	ng		99
32) Benzoic acid	10.060	122	233018	78.098	ng		99
33) 4-Chloroaniline	10.877	127	441280	56.908	ng		98
34) Hexachlorobutadiene	11.036	225	232821	55.442	ng		99
35) Caprolactam	11.683	113	66342	60.557	ng		92
36) 4-Chloro-3-methylphenol	12.001	107	387099	59.493	ng		99
37) 2-Methylnaphthalene	12.366	142	764719	55.711	ng		97
38) 1-Methylnaphthalene	12.589	142	746204	55.721	ng		99
40) 1,2,4,5-Tetrachloroben...	12.730	216	393414	55.417	ng		99
41) Hexachlorocyclopentadiene	12.707	237	229719	65.177	ng		99
43) 2,4,6-Trichlorophenol	12.977	196	272426	60.070	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.054	196	287225	57.809	ng	99
46) 1,1'-Biphenyl	13.377	154	1006010	56.567	ng	99
47) 2-Chloronaphthalene	13.418	162	770770	56.720	ng	100
48) 2-Nitroaniline	13.630	65	291235	66.304	ng	99
49) Acenaphthylene	14.265	152	1217667	57.375	ng	98
50) Dimethylphthalate	14.001	163	928067	55.206	ng	99
51) 2,6-Dinitrotoluene	14.124	165	196389	58.355	ng	96
52) Acenaphthene	14.607	154	726097	55.678	ng	98
53) 3-Nitroaniline	14.460	138	216664	60.416	ng	96
54) 2,4-Dinitrophenol	14.660	184	119133	67.370	ng	96
55) Dibenzofuran	14.942	168	1194824	55.099	ng	99
56) 4-Nitrophenol	14.771	139	170228	59.225	ng	97
57) 2,4-Dinitrotoluene	14.907	165	272663	61.848	ng	98
58) Fluorene	15.589	166	937298	55.200	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.165	232	242131	55.704	ng	99
60) Diethylphthalate	15.360	149	941371	56.440	ng	99
61) 4-Chlorophenyl-phenyle...	15.577	204	472897	54.615	ng	99
62) 4-Nitroaniline	15.618	138	228078	61.328	ng	95
63) Azobenzene	15.871	77	1101708	59.668	ng	99
65) 4,6-Dinitro-2-methylph...	15.665	198	174480	72.124	ng	99
66) n-Nitrosodiphenylamine	15.795	169	799058	58.314	ng	100
67) 4-Bromophenyl-phenylether	16.471	248	275326	56.391	ng	100
68) Hexachlorobenzene	16.583	284	293647	54.795	ng	99
69) Atrazine	16.742	200	155919	54.465	ng	96
70) Pentachlorophenol	16.930	266	178945	56.668	ng	96
71) Phenanthrene	17.324	178	1422285	55.400	ng	99
72) Anthracene	17.412	178	1405732	56.757	ng	99
73) Carbazole	17.689	167	1372070	55.686	ng	100
74) Di-n-butylphthalate	18.236	149	1531082	59.820	ng	100
75) Fluoranthene	19.330	202	1571339	53.261	ng	99
77) Benzidine	19.518	184	265621	58.674	ng	98
78) Pyrene	19.689	202	1622366	61.210	ng	100
80) Butylbenzylphthalate	20.577	149	672936	67.877	ng	99
81) Benzo(a)anthracene	21.430	228	1455129	56.305	ng	99
82) 3,3'-Dichlorobenzidine	21.365	252	655187	56.130	ng	96
83) Chrysene	21.483	228	1393815	55.367	ng	99
84) Bis(2-ethylhexyl)phtha...	21.347	149	922871	66.103	ng	98
85) Di-n-octyl phthalate	22.247	149	1525622	64.355	ng	100
87) Indeno(1,2,3-cd)pyrene	26.159	276	1461787	55.866	ng	99
88) Benzo(b)fluoranthene	23.065	252	1315157	56.819	ng	100
89) Benzo(k)fluoranthene	23.112	252	1319735	56.824	ng	99
90) Benzo(a)pyrene	23.671	252	1116736	57.606	ng	100
91) Dibenzo(a,h)anthracene	26.165	278	1227626	56.032	ng	99
92) Benzo(g,h,i)perylene	26.888	276	1208699	55.310	ng	99

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

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