Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031522\
Data File : BM034245.D
Acq On : 15 Mar 2022 18:22
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/16/2022
Supervised By :Jagrut Upadhyay 03/16/2022

Quant Time: Mar 16 01:43:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 16 01:41:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.948	152	231135	20.000	ng		0.00
21) Naphthalene-d8	10.766	136	993365	20.000	ng		0.00
39) Acenaphthene-d10	14.595	164	642750	20.000	ng		0.00
64) Phenanthrene-d10	17.330	188	1276707	20.000	ng		0.00
76) Chrysene-d12	21.500	240	972802	20.000	ng		0.00
86) Perylene-d12	23.912	264	813905	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.501	112	1268809	97.856	ng		0.00
7) Phenol-d6	7.113	99	1917828	112.639	ng		0.00
23) Nitrobenzene-d5	9.119	82	2033336	110.463	ng		0.00
42) 2,4,6-Tribromophenol	16.077	330	888067	113.842	ng		0.00
45) 2-Fluorobiphenyl	13.225	172	4668892	96.777	ng		0.00
79) Terphenyl-d14	19.948	244	6300984	112.789	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	266561	53.472	ng		98
3) Pyridine	3.760	79	759104	54.203	ng		99
4) n-Nitrosodimethylamine	3.672	42	354913	50.663	ng		100
6) Aniline	7.272	93	1081624	57.491	ng		99
8) 2-Chlorophenol	7.513	128	763886	52.661	ng		100
9) Benzaldehyde	7.078	77	476472	49.849	ng		98
10) Phenol	7.137	94	945012	56.429	ng		99
11) bis(2-Chloroethyl)ether	7.372	93	751252	56.220	ng		99
12) 1,3-Dichlorobenzene	7.843	146	826205	48.455	ng		99
13) 1,4-Dichlorobenzene	7.984	146	849657	48.753	ng		99
14) 1,2-Dichlorobenzene	8.307	146	839940	49.381	ng		99
15) Benzyl Alcohol	8.190	79	786004	59.867	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.490	45	1010532	56.875	ng		98
17) 2-Methylphenol	8.395	107	665398	56.409	ng		98
18) Hexachloroethane	9.042	117	319624	53.588	ng		97
19) n-Nitroso-di-n-propyla...	8.772	70	685387	62.279	ng		99
20) 3+4-Methylphenols	8.731	107	935208	57.417	ng		100
22) Acetophenone	8.778	105	1268649	52.873	ng	#	99
24) Nitrobenzene	9.160	77	941528	54.942	ng		98
25) Isophorone	9.689	82	1718483	57.837	ng		99
26) 2-Nitrophenol	9.872	139	448126	55.500	ng		99
27) 2,4-Dimethylphenol	9.936	122	667987	51.206	ng		99
28) bis(2-Chloroethoxy)met...	10.172	93	1084601	53.985	ng		100
29) 2,4-Dichlorophenol	10.407	162	780904	48.416	ng		98
30) 1,2,4-Trichlorobenzene	10.631	180	853354	45.068	ng		99
31) Naphthalene	10.819	128	2536358	49.697	ng		99
32) Benzoic acid	10.107	122	587074	59.423	ng		98
33) 4-Chloroaniline	10.919	127	1044707	49.994	ng		99
34) Hexachlorobutadiene	11.113	225	535039	44.472	ng		99
35) Caprolactam	11.725	113	277187	85.253	ng		94
36) 4-Chloro-3-methylphenol	12.048	107	901842	56.785	ng		98
37) 2-Methylnaphthalene	12.425	142	1843902	49.521	ng		98
38) 1-Methylnaphthalene	12.642	142	1796869	49.494	ng		98
40) 1,2,4,5-Tetrachloroben...	12.795	216	967840	47.098	ng		100
41) Hexachlorocyclopentadiene	12.777	237	587760	48.964	ng		99
43) 2,4,6-Trichlorophenol	13.030	196	695191	53.498	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.101	196	739531	56.021	ng	98
46) 1,1'-Biphenyl	13.430	154	2437883	49.642	ng	100
47) 2-Chloronaphthalene	13.472	162	1873247	48.851	ng	98
48) 2-Nitroaniline	13.672	65	611471	67.145	ng	99
49) Acenaphthylene	14.319	152	2962933	51.558	ng	100
50) Dimethylphthalate	14.054	163	2420778	50.801	ng	100
51) 2,6-Dinitrotoluene	14.166	165	513132	54.419	ng	97
52) Acenaphthene	14.660	154	1993990m	52.511	ng	
53) 3-Nitroaniline	14.495	138	531750	56.381	ng	98
54) 2,4-Dinitrophenol	14.695	184	318054	68.112	ng	98
55) Dibenzofuran	14.989	168	2902168	48.928	ng	99
56) 4-Nitrophenol	14.795	139	423642	55.572	ng	99
57) 2,4-Dinitrotoluene	14.948	165	698104	56.933	ng	97
58) Fluorene	15.636	166	2390622	50.137	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.213	232	646552	50.001	ng	99
60) Diethylphthalate	15.413	149	2521034	52.907	ng	99
61) 4-Chlorophenyl-phenyle...	15.630	204	1214517	47.564	ng	98
62) 4-Nitroaniline	15.654	138	518916m	53.016	ng	
63) Azobenzene	15.924	77	2418513	58.429	ng	98
65) 4,6-Dinitro-2-methylph...	15.713	198	451938	60.393	ng	99
66) n-Nitrosodiphenylamine	15.842	169	2054029	51.389	ng	99
67) 4-Bromophenyl-phenylether	16.524	248	744863	51.646	ng	97
68) Hexachlorobenzene	16.642	284	813373	48.946	ng	99
69) Atrazine	16.795	200	657273	49.711	ng	99
70) Pentachlorophenol	16.983	266	541220	53.911	ng	98
71) Phenanthrene	17.377	178	3545307	50.062	ng	100
72) Anthracene	17.465	178	3505267	50.862	ng	99
73) Carbazole	17.730	167	3236332	49.874	ng	99
74) Di-n-butylphthalate	18.301	149	4122027	55.842	ng	99
75) Fluoranthene	19.383	202	3827004	49.187	ng	99
77) Benzidine	19.559	184	785055m	43.333	ng	
78) Pyrene	19.742	202	3901914	58.403	ng	100
80) Butylbenzylphthalate	20.636	149	1625781	63.903	ng	99
81) Benzo(a)anthracene	21.483	228	3105209	49.058	ng	100
82) 3,3'-Dichlorobenzidine	21.412	252	1037801	48.548	ng	100
83) Chrysene	21.542	228	3075583	50.867	ng	100
84) Bis(2-ethylhexyl)phtha...	21.412	149	2274657	58.529	ng	99
85) Di-n-octyl phthalate	22.342	149	3329981	54.062	ng	99
87) Indeno(1,2,3-cd)pyrene	26.441	276	2704824	46.744	ng	99
88) Benzo(b)fluoranthene	23.183	252	2572229	50.430	ng	99
89) Benzo(k)fluoranthene	23.230	252	2617578	51.444	ng	99
90) Benzo(a)pyrene	23.812	252	2118173	50.537	ng	99
91) Dibenzo(a,h)anthracene	26.459	278	2193406	45.072	ng	99
92) Benzo(g,h,i)perylene	27.218	276	2266298	48.072	ng	99

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

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