Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020422\
Data File : BM034017.D
Acq On : 04 Feb 2022 13:54
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

Quant Time: Feb 04 16:41:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 04 16:38:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.913	152	96800	20.000	ng		0.00
21) Naphthalene-d8	10.725	136	380402	20.000	ng		0.00
39) Acenaphthene-d10	14.554	164	233457	20.000	ng		0.00
64) Phenanthrene-d10	17.289	188	470040	20.000	ng		0.00
76) Chrysene-d12	21.459	240	477152	20.000	ng		0.00
86) Perylene-d12	23.847	264	497932	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.466	112	466159	80.919	ng		0.00
7) Phenol-d6	7.078	99	620082	76.403	ng		0.00
23) Nitrobenzene-d5	9.078	82	637235	82.438	ng		0.00
42) 2,4,6-Tribromophenol	16.036	330	234478	74.082	ng		0.00
45) 2-Fluorobiphenyl	13.183	172	1345032	81.053	ng		0.00
79) Terphenyl-d14	19.906	244	2006293	69.727	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.313	88	98524	43.770	ng		94
3) Pyridine	3.725	79	261168m	40.175	ng		
4) n-Nitrosodimethylamine	3.631	42	132219	43.362	ng	#	77
6) Aniline	7.237	93	347682	36.905	ng		98
8) 2-Chlorophenol	7.478	128	252156	37.782	ng		90
9) Benzaldehyde	7.048	77	165356	34.646	ng		90
10) Phenol	7.101	94	312504	38.394	ng		95
11) bis(2-Chloroethyl)ether	7.336	93	238348	36.409	ng		94
12) 1,3-Dichlorobenzene	7.807	146	286300	38.782	ng		96
13) 1,4-Dichlorobenzene	7.954	146	292777	38.548	ng		98
14) 1,2-Dichlorobenzene	8.272	146	284460	38.407	ng		98
15) Benzyl Alcohol	8.154	79	252424	36.781	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.454	45	334632	36.934	ng		97
17) 2-Methylphenol	8.360	107	213696	36.141	ng		97
18) Hexachloroethane	9.007	117	108315	38.568	ng		98
19) n-Nitroso-di-n-propyla...	8.731	70	197548	33.975	ng	#	93
20) 3+4-Methylphenols	8.689	107	298641	36.148	ng		96
22) Acetophenone	8.742	105	395762	39.405	ng	#	95
24) Nitrobenzene	9.125	77	299659	41.199	ng		93
25) Isophorone	9.654	82	491636	36.114	ng		97
26) 2-Nitrophenol	9.836	139	135447	38.551	ng	#	86
27) 2,4-Dimethylphenol	9.901	122	206165	38.429	ng		95
28) bis(2-Chloroethoxy)met...	10.136	93	318689	36.741	ng		97
29) 2,4-Dichlorophenol	10.372	162	234885	38.293	ng		99
30) 1,2,4-Trichlorobenzene	10.589	180	260032	39.179	ng		98
31) Naphthalene	10.777	128	805018	39.203	ng		99
32) Benzoic acid	10.030	122	164843	38.289	ng		89
33) 4-Chloroaniline	10.883	127	321536	37.629	ng		95
34) Hexachlorobutadiene	11.072	225	170097	39.109	ng		99
35) Caprolactam	11.666	113	75371	34.505	ng	#	78
36) 4-Chloro-3-methylphenol	12.007	107	279744	37.028	ng		99
37) 2-Methylnaphthalene	12.389	142	545293	37.068	ng		97
38) 1-Methylnaphthalene	12.607	142	529317	36.861	ng		99
40) 1,2,4,5-Tetrachloroben...	12.760	216	277026	41.007	ng		99
41) Hexachlorocyclopentadiene	12.742	237	171530	41.254	ng		99
43) 2,4,6-Trichlorophenol	12.995	196	190787	39.552	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.066	196	204116	39.295	ng		97
46) 1,1'-Biphenyl	13.395	154	706558	39.989	ng		99
47) 2-Chloronaphthalene	13.436	162	540705	40.105	ng		98
48) 2-Nitroaniline	13.636	65	184182	41.771	ng		89
49) Acenaphthylene	14.277	152	867556	39.936	ng		99
50) Dimethylphthalate	14.013	163	691855	37.613	ng		98
51) 2,6-Dinitrotoluene	14.130	165	142928	38.508	ng		93
52) Acenaphthene	14.618	154	528398	36.387	ng		99
53) 3-Nitroaniline	14.454	138	164489	40.524	ng		92
54) 2,4-Dinitrophenol	14.660	184	88035	39.184	ng		90
55) Dibenzofuran	14.954	168	850047	39.174	ng		97
56) 4-Nitrophenol	14.760	139	134389	40.347	ng		91
57) 2,4-Dinitrotoluene	14.912	165	199230	38.580	ng		86
58) Fluorene	15.601	166	668158	39.067	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.177	232	179868	37.970	ng		98
60) Diethylphthalate	15.371	149	703522	36.478	ng		99
61) 4-Chlorophenyl-phenyle...	15.595	204	336077	37.586	ng		93
62) 4-Nitroaniline	15.612	138	171545	40.240	ng		95
63) Azobenzene	15.883	77	696837	39.297	ng		96
65) 4,6-Dinitro-2-methylph...	15.671	198	125069	40.624	ng		88
66) n-Nitrosodiphenylamine	15.807	169	579217	39.595	ng		98
67) 4-Bromophenyl-phenylether	16.483	248	201016	37.640	ng		94
68) Hexachlorobenzene	16.601	284	220583	37.836	ng		99
69) Atrazine	16.754	200	201683	36.804	ng		99
70) Pentachlorophenol	16.942	266	147493	39.363	ng		98
71) Phenanthrene	17.336	178	1050548	40.148	ng		100
72) Anthracene	17.424	178	1034340	40.192	ng		99
73) Carbazole	17.689	167	1035358	41.222	ng		99
74) Di-n-butylphthalate	18.259	149	1151583	36.377	ng		100
75) Fluoranthene	19.342	202	1199065	40.924	ng		99
77) Benzidine	19.524	184	477570	39.449	ng		100
78) Pyrene	19.706	202	1257104	35.661	ng		99
80) Butylbenzylphthalate	20.600	149	537525	33.119	ng		93
81) Benzo(a)anthracene	21.441	228	1241691	39.318	ng		99
82) 3,3'-Dichlorobenzidine	21.377	252	451934	40.018	ng		99
83) Chrysene	21.494	228	1202978	39.879	ng		100
84) Bis(2-ethylhexyl)phtha...	21.371	149	758474	32.341	ng		99
85) Di-n-octyl phthalate	22.294	149	1293311	34.319	ng	#	93
87) Indeno(1,2,3-cd)pyrene	26.341	276	1466069	44.286	ng		100
88) Benzo(b)fluoranthene	23.118	252	1221196	38.419	ng		99
89) Benzo(k)fluoranthene	23.165	252	1220286	38.333	ng		98
90) Benzo(a)pyrene	23.741	252	1030485	39.659	ng		99
91) Dibenzo(a,h)anthracene	26.353	278	1231923	44.053	ng		97
92) Benzo(g,h,i)perylene	27.100	276	1200237	45.104	ng		98

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

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