Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010722\
Data File : BM033674.D
Acq On : 07 Jan 2022 18:20
Operator : CG/JU
Sample : N1071-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FM-E6-01-4.5MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/10/2022
Supervised By :Jagrut Upadhyay 01/10/2022

Quant Time: Jan 08 06:53:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 17:07:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.978	152	172496	20.000	ng		0.00
21) Naphthalene-d8	10.795	136	711973	20.000	ng		-0.01
39) Acenaphthene-d10	14.619	164	464083	20.000	ng		0.00
64) Phenanthrene-d10	17.354	188	987777	20.000	ng		0.00
76) Chrysene-d12	21.518	240	932975	20.000	ng		0.00
86) Perylene-d12	23.941	264	888550	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.525	112	1048387	95.855	ng		0.00
7) Phenol-d6	7.137	99	1369364	92.896	ng		0.00
23) Nitrobenzene-d5	9.142	82	915817	59.405	ng		-0.01
42) 2,4,6-Tribromophenol	16.101	330	574716	118.566	ng		0.00
45) 2-Fluorobiphenyl	13.248	172	2036230	57.469	ng		-0.01
79) Terphenyl-d14	19.965	244	3092715	59.668	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	173131	35.317	ng	#	92
3) Pyridine	3.766	79	413032	32.539	ng		94
4) n-Nitrosodimethylamine	3.672	42	262277	41.358	ng	#	72
6) Aniline	7.295	93	648909	38.861	ng		97
8) 2-Chlorophenol	7.537	128	564199	47.174	ng		90
9) Benzaldehyde	7.101	77	337617	37.409	ng		92
10) Phenol	7.160	94	714659	48.221	ng		94
11) bis(2-Chloroethyl)ether	7.395	93	501710	42.914	ng		93
12) 1,3-Dichlorobenzene	7.866	146	586892	43.904	ng		97
13) 1,4-Dichlorobenzene	8.013	146	603658	44.157	ng		96
14) 1,2-Dichlorobenzene	8.337	146	576293	43.591	ng		100
15) Benzyl Alcohol	8.219	79	551353	45.819	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.513	45	685427	38.877	ng		97
17) 2-Methylphenol	8.425	107	485448	47.451	ng		95
18) Hexachloroethane	9.072	117	226020	43.633	ng		98
19) n-Nitroso-di-n-propyla...	8.795	70	421916	43.808	ng	#	90
20) 3+4-Methylphenols	8.754	107	665006	47.580	ng		95
22) Acetophenone	8.807	105	851071	44.571	ng	#	93
24) Nitrobenzene	9.184	77	632927	43.174	ng		92
25) Isophorone	9.719	82	1124432	45.028	ng		98
26) 2-Nitrophenol	9.901	139	301985	48.889	ng	#	87
27) 2,4-Dimethylphenol	9.966	122	551969	53.528	ng		96
28) bis(2-Chloroethoxy)met...	10.201	93	684952	41.607	ng		98
29) 2,4-Dichlorophenol	10.442	162	545531	48.320	ng		99
30) 1,2,4-Trichlorobenzene	10.660	180	532522	42.229	ng		99
31) Naphthalene	10.848	128	1706065	43.721	ng		99
32) Benzoic acid	10.113	122	416074	57.343	ng		90
33) 4-Chloroaniline	10.948	127	249992	16.237	ng	#	92
34) Hexachlorobutadiene	11.142	225	351384	42.661	ng		96
35) Caprolactam	11.742	113	182246m	58.201	ng		
36) 4-Chloro-3-methylphenol	12.078	107	655248	49.963	ng		98
37) 2-Methylnaphthalene	12.454	142	1256118	47.638	ng		100
38) 1-Methylnaphthalene	12.672	142	1158522	45.205	ng		98
40) 1,2,4,5-Tetrachloroben...	12.825	216	631198	43.024	ng		99
41) Hexachlorocyclopentadiene	12.807	237	824413	89.329	ng		98
43) 2,4,6-Trichlorophenol	13.054	196	441572	46.138	ng		98

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44) 2,4,5-Trichlorophenol	13.124	196	483812	47.781	ng		97
46) 1,1'-Biphenyl	13.460	154	1634340	43.114	ng		98
47) 2-Chloronaphthalene	13.501	162	1201929	42.225	ng		99
48) 2-Nitroaniline	13.695	65	430768	48.243	ng	#	85
49) Acenaphthylene	14.342	152	2021482	45.507	ng		99
50) Dimethylphthalate	14.077	163	1621659	45.012	ng		99
51) 2,6-Dinitrotoluene	14.189	165	354348	50.786	ng		91
52) Acenaphthene	14.683	154	1461893m	50.593	ng		
53) 3-Nitroaniline	14.513	138	212596	28.551	ng		92
54) 2,4-Dinitrophenol	14.719	184	383861	119.202	ng		87
55) Dibenzofuran	15.013	168	1903921	43.956	ng		95
56) 4-Nitrophenol	14.819	139	645940	109.457	ng		89
57) 2,4-Dinitrotoluene	14.971	165	495189	55.582	ng		86
58) Fluorene	15.660	166	1527936	46.050	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.236	232	427805	50.037	ng		99
60) Diethylphthalate	15.436	149	1723470	46.437	ng		99
61) 4-Chlorophenyl-phenyle...	15.654	204	764906	44.678	ng		94
62) 4-Nitroaniline	15.671	138	371978	51.288	ng		92
63) Azobenzene	15.948	77	1613120	43.964	ng		94
65) 4,6-Dinitro-2-methylph...	15.730	198	246899	45.525	ng		89
66) n-Nitrosodiphenylamine	15.866	169	1366789	40.945	ng		98
67) 4-Bromophenyl-phenylether	16.548	248	468392	42.869	ng		99
68) Hexachlorobenzene	16.665	284	539875	43.387	ng		98
69) Atrazine	16.818	200	525188	45.860	ng		98
70) Pentachlorophenol	17.007	266	749675	99.070	ng		99
71) Phenanthrene	17.395	178	2459086	43.506	ng		100
72) Anthracene	17.489	178	2525722	45.555	ng		99
73) Carbazole	17.748	167	2288265	43.779	ng		99
74) Di-n-butylphthalate	18.324	149	2978468	44.145	ng		100
75) Fluoranthene	19.401	202	2821477	47.549	ng		99
77) Benzidine	19.577	184	1470267	52.507	ng		100
78) Pyrene	19.765	202	2895959	44.087	ng		99
80) Butylbenzylphthalate	20.659	149	1383564	47.158	ng		92
81) Benzo(a)anthracene	21.500	228	2689605	42.513	ng		99
82) 3,3'-Dichlorobenzidine	21.430	252	663019	29.542	ng		100
83) Chrysene	21.559	228	2623358	43.331	ng		99
84) Bis(2-ethylhexyl)phtha...	21.436	149	2031131	45.448	ng		98
85) Di-n-octyl phthalate	22.365	149	3524879	48.500	ng	#	92
87) Indeno(1,2,3-cd)pyrene	26.488	276	2588598	39.506	ng		100
88) Benzo(b)fluoranthene	23.206	252	2712913	47.889	ng		99
89) Benzo(k)fluoranthene	23.253	252	2580157	46.993	ng		99
90) Benzo(a)pyrene	23.841	252	2499764	53.167	ng		99
91) Dibenzo(a,h)anthracene	26.506	278	2197102	40.370	ng		97
92) Benzo(g,h,i)perylene	27.265	276	2083560	38.939	ng		97

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

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