Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090921\
Data File : BM032105.D
Acq On : 09 Sep 2021 10:06
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/10/2021 3:24:34 PM

Quant Time: Sep 09 12:29:55 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM090821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 08 19:23:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.357	152	55286	20.000	ng		0.00
21) Naphthalene-d8	10.116	136	243148	20.000	ng	#	0.00
39) Acenaphthene-d10	14.016	164	184168	20.000	ng		0.00
64) Phenanthrene-d10	16.786	188	382822	20.000	ng		0.00
76) Chrysene-d12	21.003	240	338475	20.000	ng		0.00
86) Perylene-d12	23.097	264	315525	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.999	112	238896	77.105	ng		0.00
7) Phenol-d6	6.563	99	373560	79.253	ng		0.00
23) Nitrobenzene-d5	8.516	82	435804	79.878	ng		0.00
42) 2,4,6-Tribromophenol	15.533	330	122070	83.403	ng		0.00
45) 2-Fluorobiphenyl	12.627	172	1010206	71.921	ng		0.00
79) Terphenyl-d14	19.445	244	1575661	75.954	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.016	88	55465	39.553	ng	#	83
3) Pyridine	3.399	79	152201m	41.628	ng		
4) n-Nitrosodimethylamine	3.322	42	87352	45.770	ng	#	56
6) Aniline	6.710	93	209968	40.266	ng		99
8) 2-Chlorophenol	6.928	128	135273	39.089	ng		93
9) Benzaldehyde	6.528	77	111682	43.615	ng		97
10) Phenol	6.593	94	189668	39.676	ng		97
11) bis(2-Chloroethyl)ether	6.816	93	146006	40.468	ng		99
12) 1,3-Dichlorobenzene	7.245	146	164325	38.393	ng		98
13) 1,4-Dichlorobenzene	7.393	146	168180	38.809	ng		98
14) 1,2-Dichlorobenzene	7.698	146	164325	38.766	ng		97
15) Benzyl Alcohol	7.616	79	160616	43.310	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.898	45	219376	42.235	ng		97
17) 2-Methylphenol	7.810	107	129142	40.348	ng		96
18) Hexachloroethane	8.404	117	67308	41.266	ng		88
19) n-Nitroso-di-n-propyla...	8.175	70	150599	43.676	ng		97
20) 3+4-Methylphenols	8.145	107	177244	41.797	ng		98
22) Acetophenone	8.181	105	262476	37.463	ng	#	99
24) Nitrobenzene	8.557	77	229606	39.489	ng		98
25) Isophorone	9.075	82	394003	38.884	ng		99
26) 2-Nitrophenol	9.251	139	48971	43.883	ng		96
27) 2,4-Dimethylphenol	9.328	122	127553	37.764	ng		92
28) bis(2-Chloroethoxy)met...	9.563	93	195317	38.492	ng		98
29) 2,4-Dichlorophenol	9.781	162	143404	39.108	ng		95
30) 1,2,4-Trichlorobenzene	9.981	180	187264	37.579	ng		98
31) Naphthalene	10.163	128	507252	37.298	ng		99
32) Benzoic acid	9.498	122	45390	38.827	ng		97
33) 4-Chloroaniline	10.298	127	200821	38.394	ng		98
34) Hexachlorobutadiene	10.439	225	127600	38.150	ng		97
35) Caprolactam	11.110	113	41594m	41.296	ng		
36) 4-Chloro-3-methylphenol	11.433	107	175119	40.711	ng		97
37) 2-Methylnaphthalene	11.786	142	383417	38.913	ng		99
38) 1-Methylnaphthalene	12.016	142	359639	38.603	ng		98
40) 1,2,4,5-Tetrachloroben...	12.169	216	215756	35.014	ng	#	97
41) Hexachlorocyclopentadiene	12.139	237	70233	35.436	ng		98
43) 2,4,6-Trichlorophenol	12.427	196	95091	38.010	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.504	196	122919	40.357	ng		93
46) 1,1'-Biphenyl	12.839	154	504446	35.907	ng		99
47) 2-Chloronaphthalene	12.874	162	409461	35.938	ng		97
48) 2-Nitroaniline	13.110	65	126949	39.856	ng		99
49) Acenaphthylene	13.733	152	636674	37.269	ng		100
50) Dimethylphthalate	13.504	163	501307	37.487	ng	#	98
51) 2,6-Dinitrotoluene	13.627	165	108077	39.787	ng		89
52) Acenaphthene	14.086	154	393612	37.077	ng		95
53) 3-Nitroaniline	13.957	138	95879	40.315	ng		94
54) 2,4-Dinitrophenol	14.174	184	28105	35.381	ng		87
55) Dibenzofuran	14.427	168	667458	37.712	ng		95
56) 4-Nitrophenol	14.286	139	50619	38.081	ng		98
57) 2,4-Dinitrotoluene	14.427	165	147235	39.467	ng		97
58) Fluorene	15.080	166	532262	38.277	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.663	232	91931	41.294	ng	#	79
60) Diethylphthalate	14.880	149	512154	39.443	ng		97
61) 4-Chlorophenyl-phenyle...	15.086	204	286662	38.380	ng		92
62) 4-Nitroaniline	15.133	138	91388	39.115	ng		97
63) Azobenzene	15.380	77	628759	41.414	ng		95
65) 4,6-Dinitro-2-methylph...	15.192	198	47517	37.134	ng		90
66) n-Nitrosodiphenylamine	15.310	169	457739	36.535	ng		97
67) 4-Bromophenyl-phenylether	15.986	248	166464	36.982	ng		92
68) Hexachlorobenzene	16.086	284	182415	35.839	ng	#	84
69) Atrazine	16.286	200	154825	40.283	ng		96
70) Pentachlorophenol	16.439	266	60465	36.231	ng		97
71) Phenanthrene	16.827	178	812357	37.094	ng		99
72) Anthracene	16.915	178	801483	37.438	ng		99
73) Carbazole	17.204	167	739390	37.604	ng		97
74) Di-n-butylphthalate	17.780	149	829045	40.565	ng		99
75) Fluoranthene	18.856	202	922565	37.804	ng		98
77) Benzidine	19.074	184	248960	39.934	ng		99
78) Pyrene	19.221	202	961753	37.297	ng		100
80) Butylbenzylphthalate	20.162	149	321619	38.848	ng	#	96
81) Benzo(a)anthracene	20.992	228	844461	37.246	ng		99
82) 3,3'-Dichlorobenzidine	20.939	252	241345	38.664	ng	#	99
83) Chrysene	21.045	228	898114	37.319	ng		99
84) Bis(2-ethylhexyl)phtha...	20.945	149	489173	39.043	ng	#	94
85) Di-n-octyl phthalate	21.797	149	775841	39.876	ng		97
87) Indeno(1,2,3-cd)pyrene	25.144	276	789067	36.877	ng		96
88) Benzo(b)fluoranthene	22.486	252	765475m	36.263	ng		
89) Benzo(k)fluoranthene	22.527	252	881533	38.624	ng		98
90) Benzo(a)pyrene	23.009	252	747969	38.580	ng		98
91) Dibenzo(a,h)anthracene	25.150	278	698984	37.887	ng		97
92) Benzo(g,h,i)perylene	25.762	276	678228	37.126	ng		99

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

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