Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100221\
Data File : BM032310.D
Acq On : 01 Oct 2021 11:43
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
10/5/2021 12:06:01 PM

Quant Time: Oct 01 12:24:37 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 12:21:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	370547	20.00	ng		0.00
21) Naphthalene-d8	10.430	136	1452252	20.00	ng		# 0.00
39) Acenaphthene-d10	14.289	164	908152	20.00	ng		0.00
64) Phenanthrene-d10	17.012	188	1848398	20.00	ng		# 0.00
76) Chrysene-d12	21.183	240	1686053	20.00	ng		0.00
86) Perylene-d12	23.336	264	1677677	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.213	112	1703068	77.67	ng		0.00
7) Phenol-d6	6.831	99	2350272	73.80	ng		0.00
23) Nitrobenzene-d5	8.801	82	2050438	79.35	ng		0.00
42) 2,4,6-Tribromophenol	15.771	330	812570	82.42	ng		0.00
45) 2-Fluorobiphenyl	12.907	172	4451528	79.22	ng		0.00
79) Terphenyl-d14	19.630	244	5824918	79.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.013	88	353803	38.61	ng		90
3) Pyridine	3.425	79	978881	37.08	ng		94
4) n-Nitrosodimethylamine	3.337	42	395835	36.75	ng	#	62
6) Aniline	6.966	93	1307119	36.53	ng		92
8) 2-Chlorophenol	7.213	128	931035	38.07	ng		92
9) Benzaldehyde	6.766	77	633175	34.33	ng		86
10) Phenol	6.860	94	1128084	36.77	ng		81
11) bis(2-Chloroethyl)ether	7.060	93	891507	36.45	ng		94
12) 1,3-Dichlorobenzene	7.531	146	1042574	38.45	ng	#	91
13) 1,4-Dichlorobenzene	7.678	146	1059207	38.35	ng		97
14) 1,2-Dichlorobenzene	8.001	146	1016769	37.85	ng		96
15) Benzyl Alcohol	7.884	79	819736	37.37	ng		87
16) 2,2'-oxybis(1-Chloropr...	8.178	45	1133695	34.85	ng		97
17) 2-Methylphenol	8.101	107	772825	37.38	ng	#	89
18) Hexachloroethane	8.731	117	371244	40.36	ng		92
19) n-Nitroso-di-n-propyla...	8.448	70	654372	36.39	ng	#	84
20) 3+4-Methylphenols	8.431	107	1056900	37.15	ng		94
22) Acetophenone	8.460	105	1348335	37.87	ng	#	87
24) Nitrobenzene	8.836	77	982725	39.14	ng	#	89
25) Isophorone	9.354	82	1736326	39.26	ng		96
26) 2-Nitrophenol	9.548	139	478269	42.61	ng	#	75
27) 2,4-Dimethylphenol	9.625	122	773102	39.06	ng		93
28) bis(2-Chloroethoxy)met...	9.842	93	1209120	37.71	ng		99
29) 2,4-Dichlorophenol	10.089	162	870054	40.19	ng		97
30) 1,2,4-Trichlorobenzene	10.301	180	954413	39.75	ng		99
31) Naphthalene	10.483	128	2846199	38.24	ng		100
32) Benzoic acid	9.795	122	586387	41.37	ng	#	81
33) 4-Chloroaniline	10.589	127	1210919	38.25	ng	#	93
34) Hexachlorobutadiene	10.789	225	569098	40.68	ng		99
35) Caprolactam	11.348	113	287887	36.43	ng	#	79
36) 4-Chloro-3-methylphenol	11.730	107	945998	39.07	ng		96
37) 2-Methylnaphthalene	12.095	142	1963792m	38.24	ng		
38) 1-Methylnaphthalene	12.319	142	1920063	38.19	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.477	216	993735	39.12	ng	#	96
41) Hexachlorocyclopentadiene	12.472	237	496893	44.63	ng		97
43) 2,4,6-Trichlorophenol	12.719	196	712401	40.44	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.789	196	765650	40.15	ng	#	92
46) 1,1'-Biphenyl	13.119	154	2558117	38.37	ng		99
47) 2-Chloronaphthalene	13.160	162	1968277	38.75	ng		98
48) 2-Nitroaniline	13.360	65	584365	41.70	ng	#	78
49) Acenaphthylene	14.007	152	3120678	39.41	ng		99
50) Dimethylphthalate	13.742	163	2500910	39.38	ng		99
51) 2,6-Dinitrotoluene	13.854	165	524435	41.45	ng	#	64
52) Acenaphthene	14.354	154	2034244	38.48	ng		99
53) 3-Nitroaniline	14.189	138	601112	40.58	ng		84
54) 2,4-Dinitrophenol	14.383	184	301778	40.87	ng	#	67
55) Dibenzofuran	14.683	168	3089321	38.47	ng		93
56) 4-Nitrophenol	14.507	139	503037	39.96	ng	#	67
57) 2,4-Dinitrotoluene	14.642	165	717015	42.61	ng	#	60
58) Fluorene	15.330	166	2225109	37.05	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.918	232	672427	40.43	ng	#	83
60) Diethylphthalate	15.107	149	2463275	39.24	ng		96
61) 4-Chlorophenyl-phenyle...	15.324	204	1150391	37.86	ng		93
62) 4-Nitroaniline	15.348	138	610947	40.36	ng	#	71
63) Azobenzene	15.613	77	2395275	39.47	ng		86
65) 4,6-Dinitro-2-methylph...	15.407	198	443389	41.89	ng	#	75
66) n-Nitrosodiphenylamine	15.536	169	2103835	38.94	ng		97
67) 4-Bromophenyl-phenylether	16.212	248	742210	40.22	ng		91
68) Hexachlorobenzene	16.348	284	814395	39.89	ng	#	82
69) Atrazine	16.477	200	727802	40.18	ng		94
70) Pentachlorophenol	16.677	266	535005	42.36	ng		98
71) Phenanthrene	17.054	178	3700831	37.90	ng		99
72) Anthracene	17.148	178	3678340	38.88	ng		99
73) Carbazole	17.412	167	3684448	38.16	ng		98
74) Di-n-butylphthalate	17.971	149	4156947	42.35	ng	#	97
75) Fluoranthene	19.065	202	4208655	38.09	ng		97
77) Benzidine	19.242	184	1681575	40.39	ng		98
78) Pyrene	19.424	202	4323670	41.17	ng		98
80) Butylbenzylphthalate	20.312	149	1823452	45.47	ng		93
81) Benzo(a)anthracene	21.165	228	4049444	39.04	ng		98
82) 3,3'-Dichlorobenzidine	21.100	252	1341935	40.31	ng		99
83) Chrysene	21.218	228	3904184	38.61	ng		99
84) Bis(2-ethylhexyl)phtha...	21.089	149	2452059	45.22	ng	#	93
85) Di-n-octyl phthalate	21.936	149	4308941	44.27	ng	#	90
87) Indeno(1,2,3-cd)pyrene	25.477	276	3989215	35.64	ng		96
88) Benzo(b)fluoranthene	22.694	252	3955291	41.92	ng		99
89) Benzo(k)fluoranthene	22.736	252	3739862	39.00	ng		97
90) Benzo(a)pyrene	23.241	252	3240964	40.26	ng		98
91) Dibenzo(a,h)anthracene	25.482	278	3351713	36.12	ng	#	96
92) Benzo(g,h,i)perylene	26.135	276	3318230	34.52	ng	#	96

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

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