Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101321\
Data File : BM032487.D
Acq On : 13 Oct 2021 09:44
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/14/2021 10:56:35 AM

Quant Time: Oct 13 12:02:46 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 13 12:02:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.607	152	245573	20.00	ng		0.00
21) Naphthalene-d8	10.395	136	1058925	20.00	ng		# 0.00
39) Acenaphthene-d10	14.254	164	710632	20.00	ng		0.00
64) Phenanthrene-d10	16.983	188	1436290	20.00	ng		0.00
76) Chrysene-d12	21.148	240	1344519	20.00	ng		# 0.00
86) Perylene-d12	23.289	264	1358050	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.178	112	1078071	73.97	ng		0.00
7) Phenol-d6	6.801	99	1602452	80.40	ng		0.00
23) Nitrobenzene-d5	8.760	82	1460582	76.71	ng		0.00
42) 2,4,6-Tribromophenol	15.742	330	610661	76.76	ng		0.00
45) 2-Fluorobiphenyl	12.872	172	3362244	70.35	ng		0.00
79) Terphenyl-d14	19.601	244	4532113	70.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.984	88	213965	34.50	ng		91
3) Pyridine	3.402	79	628434	37.44	ng		95
4) n-Nitrosodimethylamine	3.313	42	237416	35.27	ng	#	59
6) Aniline	6.931	93	897020	40.73	ng		91
8) 2-Chlorophenol	7.178	128	623772	39.27	ng		92
9) Benzaldehyde	6.737	77	431592	37.10	ng		84
10) Phenol	6.825	94	767442	39.99	ng		82
11) bis(2-Chloroethyl)ether	7.025	93	613305	40.18	ng		93
12) 1,3-Dichlorobenzene	7.495	146	681595	38.06	ng	#	92
13) 1,4-Dichlorobenzene	7.643	146	691629	37.95	ng		97
14) 1,2-Dichlorobenzene	7.960	146	681155	38.94	ng		97
15) Benzyl Alcohol	7.848	79	569885	41.75	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.143	45	788561	40.78	ng		97
17) 2-Methylphenol	8.072	107	539180	41.58	ng	#	89
18) Hexachloroethane	8.690	117	249663	40.24	ng		93
19) n-Nitroso-di-n-propyla...	8.413	70	479109	44.21	ng	#	83
20) 3+4-Methylphenols	8.401	107	739222	42.25	ng		95
22) Acetophenone	8.425	105	968459	37.95	ng	#	87
24) Nitrobenzene	8.801	77	696987	37.96	ng	#	87
25) Isophorone	9.325	82	1294020	40.90	ng		95
26) 2-Nitrophenol	9.513	139	357013	41.78	ng	#	75
27) 2,4-Dimethylphenol	9.589	122	548591	38.06	ng		94
28) bis(2-Chloroethoxy)met...	9.807	93	871392	38.31	ng		98
29) 2,4-Dichlorophenol	10.054	162	628025	39.12	ng		96
30) 1,2,4-Trichlorobenzene	10.266	180	673441	36.98	ng		97
31) Naphthalene	10.442	128	2059615	37.91	ng		100
32) Benzoic acid	9.760	122	450170	42.01	ng	#	83
33) 4-Chloroaniline	10.554	127	875104	39.02	ng	#	94
34) Hexachlorobutadiene	10.748	225	407246	37.43	ng		98
35) Caprolactam	11.325	113	216501	44.00	ng	#	77
36) 4-Chloro-3-methylphenol	11.701	107	709153	41.03	ng		96
37) 2-Methylnaphthalene	12.060	142	1440750m	39.02	ng		
38) 1-Methylnaphthalene	12.283	142	1408191	39.02	ng	#	97
40) 1,2,4,5-Tetrachloroben...	12.442	216	741270	36.21	ng	#	96
41) Hexachlorocyclopentadiene	12.430	237	382778	39.23	ng		99
43) 2,4,6-Trichlorophenol	12.683	196	538162	38.00	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.760	196	580284	38.11	ng	#	91
46) 1,1'-Biphenyl	13.083	154	1920816	36.63	ng		99
47) 2-Chloronaphthalene	13.125	162	1472637	36.62	ng		98
48) 2-Nitroaniline	13.325	65	452446	41.38	ng	#	79
49) Acenaphthylene	13.972	152	2378741	38.10	ng		99
50) Dimethylphthalate	13.713	163	1904259	37.95	ng		99
51) 2,6-Dinitrotoluene	13.824	165	405029	39.84	ng	#	62
52) Acenaphthene	14.319	154	1547378m	37.57	ng		
53) 3-Nitroaniline	14.154	138	460039	40.27	ng		86
54) 2,4-Dinitrophenol	14.354	184	234553	41.58	ng	#	66
55) Dibenzofuran	14.654	168	2336069	37.26	ng		93
56) 4-Nitrophenol	14.477	139	375288	39.84	ng	#	69
57) 2,4-Dinitrotoluene	14.613	165	551244	41.14	ng	#	60
58) Fluorene	15.301	166	1734325	36.37	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.889	232	516679	39.39	ng	#	83
60) Diethylphthalate	15.077	149	1893851	38.44	ng		96
61) 4-Chlorophenyl-phenyle...	15.289	204	883918	35.78	ng		93
62) 4-Nitroaniline	15.319	138	473792	41.56	ng	#	71
63) Azobenzene	15.583	77	1820363	38.82	ng		84
65) 4,6-Dinitro-2-methylph...	15.383	198	344723	42.64	ng	#	71
66) n-Nitrosodiphenylamine	15.507	169	1607023	37.89	ng		98
67) 4-Bromophenyl-phenylether	16.177	248	565937	37.86	ng		94
68) Hexachlorobenzene	16.313	284	613842	37.30	ng	#	85
69) Atrazine	16.454	200	559958	38.77	ng		95
70) Pentachlorophenol	16.648	266	410567	40.42	ng		98
71) Phenanthrene	17.024	178	2844718	37.74	ng		99
72) Anthracene	17.113	178	2830099	38.42	ng		99
73) Carbazole	17.383	167	2819495	38.54	ng		98
74) Di-n-butylphthalate	17.936	149	3192885	40.63	ng	#	97
75) Fluoranthene	19.036	202	3249658	38.87	ng		97
77) Benzidine	19.212	184	1290306	38.63	ng		98
78) Pyrene	19.395	202	3360461	36.86	ng		98
80) Butylbenzylphthalate	20.289	149	1465675	42.32	ng		88
81) Benzo(a)anthracene	21.136	228	3180485	37.84	ng		98
82) 3,3'-Dichlorobenzidine	21.071	252	1033597	39.04	ng		100
83) Chrysene	21.189	228	3071438	37.78	ng		100
84) Bis(2-ethylhexyl)phtha...	21.059	149	1969474	42.18	ng	#	93
85) Di-n-octyl phthalate	21.900	149	3587942	45.82	ng	#	89
87) Indeno(1,2,3-cd)pyrene	25.418	276	3089190	36.91	ng		96
88) Benzo(b)fluoranthene	22.653	252	3083708	37.33	ng		99
89) Benzo(k)fluoranthene	22.700	252	3026985	37.51	ng		99
90) Benzo(a)pyrene	23.200	252	2570510	38.37	ng		98
91) Dibenzo(a,h)anthracene	25.418	278	2604143	36.91	ng	#	95
92) Benzo(g,h,i)perylene	26.071	276	2549301	36.55	ng	#	94

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

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