Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100221\
Data File : BM032313.D
Acq On : 01 Oct 2021 13:32
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 01 14:05:41 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

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	379991	20.00	ng		0.00
21) Naphthalene-d8	10.436	136	1421627	20.00	ng		# 0.00
39) Acenaphthene-d10	14.289	164	873791	20.00	ng		0.00
64) Phenanthrene-d10	17.012	188	1745635	20.00	ng		# 0.00
76) Chrysene-d12	21.183	240	1418848	20.00	ng		0.00
86) Perylene-d12	23.335	264	1339788	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.213	112	3095597	137.66	ng		0.00
7) Phenol-d6	6.842	99	4248134	130.08	ng		0.01
23) Nitrobenzene-d5	8.807	82	3774164	149.20	ng		0.00
42) 2,4,6-Tribromophenol	15.777	330	1394497	147.01	ng		0.00
45) 2-Fluorobiphenyl	0.000	172	0d	0.00	ng		
79) Terphenyl-d14	0.000	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.013	88	661329	70.37	ng		90
3) Pyridine	3.425	79	1858962	68.66	ng		94
4) n-Nitrosodimethylamine	3.343	42	740469	67.03	ng	#	60
6) Aniline	6.972	93	2457145	66.96	ng		91
8) 2-Chlorophenol	7.219	128	1714181	68.34	ng		92
10) Phenol	6.866	94	2085268	66.27	ng		83
11) bis(2-Chloroethyl)ether	7.066	93	1662919	66.30	ng		93
12) 1,3-Dichlorobenzene	7.537	146	1918024	68.97	ng	#	91
13) 1,4-Dichlorobenzene	7.678	146	1936498	68.37	ng		98
14) 1,2-Dichlorobenzene	8.001	146	1845901	67.01	ng		97
15) Benzyl Alcohol	7.889	79	1548224	68.83	ng		87
16) 2,2'-oxybis(1-Chloropr...	8.178	45	2102738	63.03	ng		97
17) 2-Methylphenol	8.107	107	1457389	68.74	ng	#	90
18) Hexachloroethane	8.731	117	704879	74.73	ng		94
19) n-Nitroso-di-n-propyla...	8.460	70	1169330	63.41	ng	#	82
20) 3+4-Methylphenols	8.442	107	1907638	65.38	ng		94
22) Acetophenone	8.466	105	2382024	68.34	ng	#	87
24) Nitrobenzene	8.848	77	1834429	74.64	ng	#	86
25) Isophorone	9.366	82	3272008	75.57	ng		95
26) 2-Nitrophenol	9.554	139	950197	86.47	ng	#	73
27) 2,4-Dimethylphenol	9.630	122	1439577	74.31	ng		94
28) bis(2-Chloroethoxy)met...	9.848	93	2194871	69.93	ng		99
29) 2,4-Dichlorophenol	10.095	162	1635402	77.17	ng		95
30) 1,2,4-Trichlorobenzene	10.307	180	1749474	74.43	ng		99
31) Naphthalene	10.483	128	5146278	70.64	ng		99
32) Benzoic acid	9.842	122	1228689	88.55	ng	#	81
33) 4-Chloroaniline	10.589	127	2228893	71.93	ng	#	94
34) Hexachlorobutadiene	10.789	225	1057184	77.19	ng		98
35) Caprolactam	11.395	113	549097	70.98	ng	#	78
36) 4-Chloro-3-methylphenol	11.742	107	1764438	74.43	ng		96
37) 2-Methylnaphthalene	12.101	142	3508935m	69.80	ng		
38) 1-Methylnaphthalene	12.319	142	3436916	69.83	ng		97
40) 1,2,4,5-Tetrachloroben...	12.483	216	1747455	71.49	ng	#	96
41) Hexachlorocyclopentadiene	12.471	237	950088	88.69	ng		97
43) 2,4,6-Trichlorophenol	12.724	196	1324983	78.17	ng		96
44) 2,4,5-Trichlorophenol	12.795	196	1416049	77.19	ng	#	92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.118	154	4456851	69.47	ng		99
47) 2-Chloronaphthalene	13.160	162	3522582	72.08	ng		99
48) 2-Nitroaniline	13.366	65	1110814	82.39	ng	#	76
49) Acenaphthylene	14.013	152	5537506	72.69	ng		98
50) Dimethylphthalate	13.748	163	4412220	72.21	ng		98
51) 2,6-Dinitrotoluene	13.860	165	971831	79.82	ng	#	64
52) Acenaphthene	14.360	154	3629783	71.36	ng		98
53) 3-Nitroaniline	14.195	138	1122625	78.77	ng		85
54) 2,4-Dinitrophenol	14.389	184	625671	88.08	ng	#	65
55) Dibenzofuran	14.689	168	5262360	68.10	ng		95
56) 4-Nitrophenol	14.518	139	940460	77.65	ng	#	65
57) 2,4-Dinitrotoluene	14.648	165	1333818	82.38	ng	#	60
59) 2,3,4,6-Tetrachlorophenol	14.924	232	1192327	74.50	ng	#	83
60) Diethylphthalate	15.112	149	4390690	72.69	ng		95
62) 4-Nitroaniline	15.365	138	1138425	78.15	ng	#	69
63) Azobenzene	15.618	77	4197522	71.89	ng		84
65) 4,6-Dinitro-2-methylph...	15.418	198	866108	86.65	ng	#	73
66) n-Nitrosodiphenylamine	15.542	169	3634696	71.23	ng		98
67) 4-Bromophenyl-phenylether	16.212	248	1309129	75.12	ng		92
68) Hexachlorobenzene	16.348	284	1414303	73.36	ng	#	84
69) Atrazine	16.489	200	1301625	76.10	ng		95
70) Pentachlorophenol	16.683	266	989411	82.95	ng		98
71) Phenanthrene	17.059	178	6136665	66.55	ng		99
72) Anthracene	17.148	178	6150928	68.84	ng		98
73) Carbazole	17.418	167	6106589	66.97	ng		98
74) Di-n-butylphthalate	17.971	149	6965072	75.14	ng	#	97
75) Fluoranthene	19.065	202	6724358	64.44	ng		95
77) Benzidine	19.242	184	2641474	75.40	ng		98
78) Pyrene	19.430	202	6848573	77.50	ng		96
80) Butylbenzylphthalate	20.318	149	3066486	90.88	ng	#	89
81) Benzo(a)anthracene	21.165	228	6146947	70.42	ng		96
82) 3,3'-Dichlorobenzidine	21.100	252	1986921	70.92	ng		100
83) Chrysene	21.218	228	5896286	69.30	ng		97
84) Bis(2-ethylhexyl)phtha...	21.089	149	3849723	84.36	ng	#	92
85) Di-n-octyl phthalate	21.930	149	6799436	83.01	ng	#	90
87) Indeno(1,2,3-cd)pyrene	25.488	276	5773825	64.59	ng		96
88) Benzo(b)fluoranthene	22.700	252	5784756	76.77	ng		99
89) Benzo(k)fluoranthene	22.741	252	5578624	72.84	ng		97
90) Benzo(a)pyrene	23.247	252	4858591	75.57	ng		99
91) Dibenzo(a,h)anthracene	25.488	278	4814644	64.97	ng	#	96
92) Benzo(g,h,i)perylene	26.147	276	4950577	64.50	ng	#	95

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

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