Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011922\
Data File : BM033780.D
Acq On : 19 Jan 2022 12:43
Operator : CG/JU
Sample : N1164-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 19 15:22:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 17 16:30:56 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
RBR-251686MS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
01/20/2022
Supervised By :Jagrut Upadhyay
01/20/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.948	152	207496	20.000	ng		0.00
21) Naphthalene-d8	10.760	136	827843	20.000	ng		-0.01
39) Acenaphthene-d10	14.589	164	477743	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	846027	20.000	ng		0.00
76) Chrysene-d12	21.483	240	597452	20.000	ng		#-0.01
86) Perylene-d12	23.889	264	670094	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.496	112	1700184	137.682	ng		0.00
7) Phenol-d6	7.113	99	2133894	122.659	ng		0.00
23) Nitrobenzene-d5	9.113	82	1428772	84.935	ng		-0.01
42) 2,4,6-Tribromophenol	16.071	330	706869	109.134	ng		0.00
45) 2-Fluorobiphenyl	13.219	172	2867984	84.455	ng		0.00
79) Terphenyl-d14	19.936	244	3038836	84.347	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	221583	45.923	ng		94
3) Pyridine	3.749	79	541703	38.874	ng		93
4) n-Nitrosodimethylamine	3.649	42	320220	48.993	ng	#	67
6) Aniline	7.266	93	435335	21.557	ng		95
8) 2-Chlorophenol	7.513	128	679533	47.500	ng		89
9) Benzaldehyde	7.072	77	394508	44.064	ng		92
10) Phenol	7.137	94	855579	49.037	ng		92
11) bis(2-Chloroethyl)ether	7.366	93	633073	45.115	ng		93
12) 1,3-Dichlorobenzene	7.837	146	732755	46.305	ng		96
13) 1,4-Dichlorobenzene	7.984	146	744315	45.718	ng		97
14) 1,2-Dichlorobenzene	8.301	146	714513	45.005	ng		99
15) Benzyl Alcohol	8.190	79	637708	43.350	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.484	45	909623	46.837	ng		97
17) 2-Methylphenol	8.395	107	562379	44.370	ng		94
18) Hexachloroethane	9.042	117	282993	47.009	ng		96
19) n-Nitroso-di-n-propyla...	8.766	70	497432	39.910	ng	#	90
20) 3+4-Methylphenols	8.725	107	751049	42.410	ng		94
22) Acetophenone	8.778	105	1014950	46.436	ng	#	92
24) Nitrobenzene	9.154	77	750588	47.420	ng		91
25) Isophorone	9.689	82	1295741	43.737	ng		97
26) 2-Nitrophenol	9.872	139	362229	47.375	ng	#	83
27) 2,4-Dimethylphenol	9.937	122	603392	51.682	ng		96
28) bis(2-Chloroethoxy)met...	10.172	93	825579	43.736	ng		98
29) 2,4-Dichlorophenol	10.407	162	610581	45.740	ng		99
30) 1,2,4-Trichlorobenzene	10.625	180	654351	45.304	ng		97
31) Naphthalene	10.813	128	2027633	45.373	ng		99
32) Benzoic acid	10.089	122	443697	47.357	ng		88
33) 4-Chloroaniline	10.919	127	162407	8.734	ng	#	92
34) Hexachlorobutadiene	11.107	225	420879	44.467	ng		97
35) Caprolactam	11.713	113	177777	37.398	ng	#	75
36) 4-Chloro-3-methylphenol	12.048	107	669645	40.729	ng		98
37) 2-Methylnaphthalene	12.425	142	1410250	44.051	ng		98
38) 1-Methylnaphthalene	12.642	142	1301976	41.663	ng		99
40) 1,2,4,5-Tetrachloroben...	12.789	216	697949	50.487	ng		99
41) Hexachlorocyclopentadiene	12.778	237	960787	112.919	ng		99
43) 2,4,6-Trichlorophenol	13.025	196	460061	46.607	ng		99

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44) 2,4,5-Trichlorophenol	13.101	196	486494	45.766	ng		95
46) 1,1'-Biphenyl	13.430	154	1777665	49.165	ng		99
47) 2-Chloronaphthalene	13.466	162	1321688	47.905	ng		98
48) 2-Nitroaniline	13.666	65	416565	46.166	ng	#	84
49) Acenaphthylene	14.313	152	2075182	46.680	ng		99
50) Dimethylphthalate	14.048	163	1638097	43.519	ng		98
51) 2,6-Dinitrotoluene	14.160	165	351670	46.300	ng		88
52) Acenaphthene	14.654	154	1507358m	50.724	ng		
53) 3-Nitroaniline	14.483	138	226411	27.257	ng		88
54) 2,4-Dinitrophenol	14.689	184	397754	86.513	ng		88
55) Dibenzofuran	14.983	168	1934081	43.555	ng		97
56) 4-Nitrophenol	14.795	139	573142	84.086	ng	#	83
57) 2,4-Dinitrotoluene	14.942	165	471395	44.607	ng	#	83
58) Fluorene	15.630	166	1512986	43.229	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.207	232	395697	40.819	ng		99
60) Diethylphthalate	15.407	149	1675613	42.456	ng		99
61) 4-Chlorophenyl-phenyle...	15.624	204	772145	42.199	ng		97
62) 4-Nitroaniline	15.642	138	326197	37.392	ng		89
63) Azobenzene	15.913	77	1596163	43.987	ng		94
65) 4,6-Dinitro-2-methylph...	15.701	198	241704	43.618	ng		87
66) n-Nitrosodiphenylamine	15.836	169	1308689	49.703	ng		99
67) 4-Bromophenyl-phenylether	16.513	248	459503	47.803	ng		96
68) Hexachlorobenzene	16.636	284	492254	46.911	ng		97
69) Atrazine	16.783	200	450378	45.662	ng		100
70) Pentachlorophenol	16.977	266	621397	92.138	ng		98
71) Phenanthrene	17.365	178	2229879	47.346	ng		99
72) Anthracene	17.454	178	2229713	48.137	ng		98
73) Carbazole	17.718	167	1906852	42.180	ng		99
74) Di-n-butylphthalate	18.289	149	2680332	47.041	ng		99
75) Fluoranthene	19.371	202	2277638	43.188	ng		99
77) Benzidine	19.548	184	674116	44.472	ng		99
78) Pyrene	19.736	202	2246483	50.895	ng		99
80) Butylbenzylphthalate	20.624	149	1019836	50.183	ng		93
81) Benzo(a)anthracene	21.471	228	1827295	46.210	ng		99
82) 3,3'-Dichlorobenzidine	21.400	252	514148	36.360	ng		99
83) Chrysene	21.524	228	1795081	47.525	ng		100
84) Bis(2-ethylhexyl)phtha...	21.400	149	1498321	51.023	ng		99
85) Di-n-octyl phthalate	22.324	149	2382781	50.498	ng	#	93
87) Indeno(1,2,3-cd)pyrene	26.406	276	2589771	58.131	ng		98
88) Benzo(b)fluoranthene	23.159	252	1970091	46.055	ng		98
89) Benzo(k)fluoranthene	23.206	252	1840991	42.973	ng		99
90) Benzo(a)pyrene	23.789	252	1933829	55.304	ng		98
91) Dibenzo(a,h)anthracene	26.430	278	2201629	58.502	ng		95
92) Benzo(g,h,i)perylene	27.188	276	2233495	62.369	ng		96

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

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