Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011922\
Data File : BM033782.D
Acq On : 19 Jan 2022 13:54
Operator : CG/JU
Sample : N1164-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 19 15:24:07 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-251686MSD

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	201515	20.000	ng		0.00
21) Naphthalene-d8	10.766	136	758495	20.000	ng		0.00
39) Acenaphthene-d10	14.589	164	404813	20.000	ng		0.00
64) Phenanthrene-d10	17.318	188	712085	20.000	ng		-0.01
76) Chrysene-d12	21.483	240	552366	20.000	ng		-0.01
86) Perylene-d12	23.888	264	676138	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.501	112	1589589	132.546	ng		0.00
7) Phenol-d6	7.113	99	1964095	116.250	ng		0.00
23) Nitrobenzene-d5	9.113	82	1319987	85.642	ng		-0.01
42) 2,4,6-Tribromophenol	16.071	330	582870	106.202	ng		0.00
45) 2-Fluorobiphenyl	13.219	172	2544205	88.418	ng		0.00
79) Terphenyl-d14	19.936	244	2609511	78.343	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	208472	44.488	ng		93
3) Pyridine	3.749	79	519921	38.418	ng		93
4) n-Nitrosodimethylamine	3.654	42	298970	47.099	ng	#	67
6) Aniline	7.266	93	379394	19.344	ng		95
8) 2-Chlorophenol	7.513	128	635792	45.762	ng		89
9) Benzaldehyde	7.078	77	376141	43.083	ng		91
10) Phenol	7.137	94	786669	46.426	ng		92
11) bis(2-Chloroethyl)ether	7.366	93	604948	44.390	ng		94
12) 1,3-Dichlorobenzene	7.836	146	711234	46.279	ng		95
13) 1,4-Dichlorobenzene	7.984	146	726697	45.961	ng		97
14) 1,2-Dichlorobenzene	8.307	146	687311	44.576	ng		98
15) Benzyl Alcohol	8.189	79	584515	40.913	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.489	45	854027	45.280	ng		98
17) 2-Methylphenol	8.395	107	510986	41.512	ng		95
18) Hexachloroethane	9.042	117	272577	46.622	ng		94
19) n-Nitroso-di-n-propyla...	8.766	70	460730	38.063	ng	#	90
20) 3+4-Methylphenols	8.725	107	678501	39.451	ng		94
22) Acetophenone	8.778	105	929902	46.434	ng	#	92
24) Nitrobenzene	9.154	77	698273	48.148	ng		93
25) Isophorone	9.689	82	1174304	43.262	ng		98
26) 2-Nitrophenol	9.872	139	325088	46.405	ng	#	84
27) 2,4-Dimethylphenol	9.936	122	544979	50.947	ng		95
28) bis(2-Chloroethoxy)met...	10.172	93	743645	42.998	ng		99
29) 2,4-Dichlorophenol	10.413	162	537442	43.942	ng		100
30) 1,2,4-Trichlorobenzene	10.625	180	608590	45.988	ng		97
31) Naphthalene	10.813	128	1873370	45.754	ng		99
32) Benzoic acid	10.078	122	369703	43.067	ng		89
33) 4-Chloroaniline	10.919	127	130679	7.670	ng	#	91
34) Hexachlorobutadiene	11.107	225	397688	45.858	ng		96
35) Caprolactam	11.707	113	152011	34.901	ng	#	79
36) 4-Chloro-3-methylphenol	12.048	107	577034	38.305	ng		98
37) 2-Methylnaphthalene	12.424	142	1268086	43.232	ng		98
38) 1-Methylnaphthalene	12.642	142	1158199	40.450	ng		100
40) 1,2,4,5-Tetrachloroben...	12.789	216	621398	53.047	ng		99
41) Hexachlorocyclopentadiene	12.777	237	816723	113.281	ng		100
43) 2,4,6-Trichlorophenol	13.024	196	390975	46.744	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.095	196	411445	45.680	ng		97
46) 1,1'-Biphenyl	13.424	154	1564763	51.074	ng		98
47) 2-Chloronaphthalene	13.466	162	1151194	49.243	ng		98
48) 2-Nitroaniline	13.666	65	348713	45.608	ng	#	85
49) Acenaphthylene	14.307	152	1793687	47.617	ng		99
50) Dimethylphthalate	14.048	163	1387492	43.502	ng		98
51) 2,6-Dinitrotoluene	14.160	165	296409	46.055	ng		85
52) Acenaphthene	14.654	154	1265011m	50.238	ng		
53) 3-Nitroaniline	14.483	138	166070	23.595	ng		90
54) 2,4-Dinitrophenol	14.689	184	296631	76.141	ng		89
55) Dibenzofuran	14.983	168	1646975	43.772	ng		99
56) 4-Nitrophenol	14.789	139	477580	82.688	ng		86
57) 2,4-Dinitrotoluene	14.942	165	391921	43.768	ng	#	82
58) Fluorene	15.630	166	1271703	42.881	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.207	232	326460	39.744	ng		99
60) Diethylphthalate	15.401	149	1402751	41.946	ng		100
61) 4-Chlorophenyl-phenyle...	15.624	204	654069	42.186	ng		98
62) 4-Nitroaniline	15.642	138	267845	36.234	ng		85
63) Azobenzene	15.912	77	1336226	43.458	ng		94
65) 4,6-Dinitro-2-methylph...	15.701	198	184374	39.531	ng		86
66) n-Nitrosodiphenylamine	15.836	169	1098084	49.549	ng		98
67) 4-Bromophenyl-phenylether	16.512	248	383558	47.408	ng		96
68) Hexachlorobenzene	16.636	284	405664	45.931	ng		98
69) Atrazine	16.783	200	380505	45.835	ng		99
70) Pentachlorophenol	16.971	266	512004	90.198	ng		97
71) Phenanthrene	17.365	178	1860215	46.926	ng		99
72) Anthracene	17.454	178	1880603	48.237	ng		99
73) Carbazole	17.718	167	1609215	42.292	ng		99
74) Di-n-butylphthalate	18.289	149	2266051	47.251	ng		99
75) Fluoranthene	19.371	202	1927750	43.430	ng		99
77) Benzidine	19.547	184	785335	56.039	ng		100
78) Pyrene	19.730	202	1925228	47.177	ng		99
80) Butylbenzylphthalate	20.624	149	880407	46.858	ng		94
81) Benzo(a)anthracene	21.471	228	1680279	45.960	ng		99
82) 3,3'-Dichlorobenzidine	21.400	252	472521	36.144	ng		100
83) Chrysene	21.524	228	1665011	47.680	ng		99
84) Bis(2-ethylhexyl)phtha...	21.400	149	1303919	48.027	ng		99
85) Di-n-octyl phthalate	22.324	149	2153916	49.373	ng	#	92
87) Indeno(1,2,3-cd)pyrene	26.412	276	2582670	57.454	ng		98
88) Benzo(b)fluoranthene	23.159	252	2020568	46.813	ng		98
89) Benzo(k)fluoranthene	23.206	252	1852555	42.857	ng		100
90) Benzo(a)pyrene	23.783	252	1990447	56.414	ng		99
91) Dibenzo(a,h)anthracene	26.429	278	2193617	57.768	ng		95
92) Benzo(g,h,i)perylene	27.182	276	2209214	61.140	ng	#	96

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

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