Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080522\
Data File : BM036118.D
Acq On : 05 Aug 2022 13:52
Operator : CG/JU
Sample : N3960-18MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 06 01:11:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 03:36:25 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
RVE-165MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.851	152	333596	20.000	ng		0.00
21) Naphthalene-d8	10.657	136	1454464	20.000	ng		0.00
39) Acenaphthene-d10	14.498	164	881617	20.000	ng		0.00
64) Phenanthrene-d10	17.239	188	1709578	20.000	ng		0.00
76) Chrysene-d12	21.415	240	1201893	20.000	ng		0.00
86) Perylene-d12	23.768	264	1046702	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	2143028	104.150	ng		0.00
7) Phenol-d6	7.034	99	2818567	107.653	ng		0.00
23) Nitrobenzene-d5	9.028	82	1651014	63.541	ng		0.00
42) 2,4,6-Tribromophenol	15.986	330	1056474	102.148	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	3851115	64.496	ng		0.00
79) Terphenyl-d14	19.857	244	4983116	81.779	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	323297	38.992	ng		94
3) Pyridine	3.693	79	906258	40.761	ng		88
4) n-Nitrosodimethylamine	3.611	42	427086	46.745	ng	#	59
6) Aniline	7.187	93	1265434	43.646	ng		95
8) 2-Chlorophenol	7.422	128	1198801	54.644	ng		94
9) Benzaldehyde	6.993	77	791657	57.114	ng		94
10) Phenol	7.063	94	1480960	56.177	ng		90
11) bis(2-Chloroethyl)ether	7.287	93	1082959	49.868	ng		95
12) 1,3-Dichlorobenzene	7.740	146	1190893	48.986	ng		97
13) 1,4-Dichlorobenzene	7.887	146	1218860	49.163	ng		99
14) 1,2-Dichlorobenzene	8.204	146	1176568	49.184	ng		99
15) Benzyl Alcohol	8.104	79	990508m	56.377	ng		
16) 2,2'-oxybis(1-Chloropr...	8.387	45	1456117	50.425	ng		98
17) 2-Methylphenol	8.310	107	984518	56.417	ng		95
18) Hexachloroethane	8.934	117	448084	50.206	ng		98
19) n-Nitroso-di-n-propyla...	8.675	70	840703	52.863	ng	#	87
20) 3+4-Methylphenols	8.640	107	1330863	56.133	ng		97
22) Acetophenone	8.687	105	1699687	49.367	ng	#	92
24) Nitrobenzene	9.069	77	1228764	50.304	ng		95
25) Isophorone	9.598	82	2345413	55.487	ng		98
26) 2-Nitrophenol	9.775	139	649753	56.397	ng		92
27) 2,4-Dimethylphenol	9.845	122	1055831	59.159	ng		97
28) bis(2-Chloroethoxy)met...	10.081	93	1475148	48.984	ng		100
29) 2,4-Dichlorophenol	10.310	162	1107884	55.200	ng		99
30) 1,2,4-Trichlorobenzene	10.522	180	1066223	46.878	ng		98
31) Naphthalene	10.710	128	3530336	48.821	ng		100
32) Benzoic acid	10.016	122	765593	54.115	ng		93
33) 4-Chloroaniline	10.828	127	627474	21.531	ng		96
34) Hexachlorobutadiene	10.987	225	631314	47.236	ng		99
35) Caprolactam	11.651	113	350398m	56.679	ng		
36) 4-Chloro-3-methylphenol	11.963	107	1154941	54.747	ng		97
37) 2-Methylnaphthalene	12.322	142	2453455	50.986	ng		98
38) 1-Methylnaphthalene	12.539	142	2351463	49.900	ng		99
40) 1,2,4,5-Tetrachloroben...	12.692	216	1179516	49.349	ng		99
41) Hexachlorocyclopentadiene	12.663	237	1519090	120.001	ng		99
43) 2,4,6-Trichlorophenol	12.934	196	859112	52.823	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.004	196	920069	53.590	ng		97
46) 1,1'-Biphenyl	13.333	154	3194638	49.722	ng		99
47) 2-Chloronaphthalene	13.375	162	2435239	49.523	ng		99
48) 2-Nitroaniline	13.586	65	735376	54.875	ng		93
49) Acenaphthylene	14.222	152	3884188	51.099	ng		100
50) Dimethylphthalate	13.969	163	2981545	49.731	ng		99
51) 2,6-Dinitrotoluene	14.086	165	657561	54.664	ng		88
52) Acenaphthene	14.563	154	2721606m	54.734	ng		
53) 3-Nitroaniline	14.416	138	471011	33.561	ng		92
54) 2,4-Dinitrophenol	14.622	184	648681	101.905	ng		88
55) Dibenzofuran	14.898	168	3585946	48.159	ng		97
56) 4-Nitrophenol	14.733	139	1213773	108.073	ng		85
57) 2,4-Dinitrotoluene	14.869	165	893740	56.685	ng		98
58) Fluorene	15.545	166	2915759	49.641	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.122	232	744578	51.197	ng		96
60) Diethylphthalate	15.322	149	3070282	49.833	ng		100
61) 4-Chlorophenyl-phenyle...	15.539	204	1412996	48.244	ng		97
62) 4-Nitroaniline	15.575	138	713939	49.449	ng		92
63) Azobenzene	15.833	77	2833228	48.372	ng		93
65) 4,6-Dinitro-2-methylph...	15.627	198	423869	48.490	ng		94
66) n-Nitrosodiphenylamine	15.757	169	2539650	52.623	ng		100
67) 4-Bromophenyl-phenylether	16.427	248	869247	50.832	ng		97
68) Hexachlorobenzene	16.539	284	1004126	51.177	ng		93
69) Atrazine	16.710	200	861737	63.813	ng		99
70) Pentachlorophenol	16.886	266	1171848	101.979	ng		99
71) Phenanthrene	17.280	178	4268147	49.005	ng		99
72) Anthracene	17.369	178	4333092	51.387	ng		99
73) Carbazole	17.645	167	3980080	46.585	ng		99
74) Di-n-butylphthalate	18.210	149	5091499	49.922	ng		99
75) Fluoranthene	19.292	202	4511583	46.275	ng		99
77) Benzidine	19.486	184	1469733	81.539	ng		99
78) Pyrene	19.657	202	4577111	61.414	ng		99
80) Butylbenzylphthalate	20.557	149	1940248	60.318	ng		96
81) Benzo(a)anthracene	21.398	228	3705649	50.056	ng		99
82) 3,3'-Dichlorobenzidine	21.339	252	1027196	57.144	ng		99
83) Chrysene	21.451	228	3477761	49.420	ng		100
84) Bis(2-ethylhexyl)phtha...	21.333	149	2593525	53.443	ng	#	98
85) Di-n-octyl phthalate	22.239	149	3816306	48.186	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.227	276	3546643	48.217	ng		99
88) Benzo(b)fluoranthene	23.056	252	3373094	55.003	ng		99
89) Benzo(k)fluoranthene	23.103	252	3111160	50.229	ng		99
90) Benzo(a)pyrene	23.668	252	2812144	54.654	ng		99
91) Dibenzo(a,h)anthracene	26.244	278	3108410	50.485	ng		99
92) Benzo(g,h,i)perylene	26.980	276	3060402	51.343	ng		99

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

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