Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052322\
Data File : BM035202.D
Acq On : 23 May 2022 20:00
Operator : CG/JU
Sample : N2873-12MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 24 03:17:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 20 04:53:59 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
P032-SS001-1218-01MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	132744	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	489022	20.000	ng		0.00
39) Acenaphthene-d10	14.539	164	296193	20.000	ng		0.00
64) Phenanthrene-d10	17.280	188	627331	20.000	ng		0.00
76) Chrysene-d12	21.468	240	686245	20.000	ng	#	0.00
86) Perylene-d12	23.850	264	743713	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	823344	109.426	ng		0.00
7) Phenol-d6	7.075	99	1027804	105.814	ng		0.00
23) Nitrobenzene-d5	9.063	82	665058	73.441	ng		0.00
42) 2,4,6-Tribromophenol	16.027	330	430660	133.663	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	1495177	73.280	ng		0.00
79) Terphenyl-d14	19.909	244	2497327	70.461	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	121857	40.026	ng		97
3) Pyridine	3.781	79	314611	37.090	ng		96
4) n-Nitrosodimethylamine	3.687	42	200573	47.958	ng		97
6) Aniline	7.228	93	331668	29.726	ng		98
8) 2-Chlorophenol	7.469	128	395993	47.287	ng		95
9) Benzaldehyde	7.040	77	244776	38.719	ng		98
10) Phenol	7.098	94	454535	45.756	ng		98
11) bis(2-Chloroethyl)ether	7.322	93	343713	45.961	ng		96
12) 1,3-Dichlorobenzene	7.792	146	449576	47.393	ng		98
13) 1,4-Dichlorobenzene	7.939	146	456642	47.036	ng		98
14) 1,2-Dichlorobenzene	8.257	146	438093	47.399	ng		99
15) Benzyl Alcohol	8.145	79	328518m	45.257	ng		
16) 2,2'-oxybis(1-Chloropr...	8.434	45	451564	37.258	ng		96
17) 2-Methylphenol	8.351	107	307526	45.590	ng		96
18) Hexachloroethane	8.981	117	162057	45.479	ng		92
19) n-Nitroso-di-n-propyla...	8.710	70	270155	42.484	ng		95
20) 3+4-Methylphenols	8.675	107	410214	44.446	ng		96
22) Acetophenone	8.728	105	554192	46.793	ng	#	95
24) Nitrobenzene	9.104	77	408342	44.827	ng		99
25) Isophorone	9.633	82	705305	46.584	ng		98
26) 2-Nitrophenol	9.816	139	210698	53.006	ng		97
27) 2,4-Dimethylphenol	9.880	122	329050	53.683	ng		97
28) bis(2-Chloroethoxy)met...	10.116	93	430059	49.356	ng		99
29) 2,4-Dichlorophenol	10.357	162	363912	50.356	ng		99
30) 1,2,4-Trichlorobenzene	10.569	180	414508	50.673	ng		99
31) Naphthalene	10.757	128	1142631	45.294	ng		99
32) Benzoic acid	10.022	122	239240	48.650	ng		97
33) 4-Chloroaniline	10.863	127	173371	17.085	ng		98
34) Hexachlorobutadiene	11.045	225	268117	53.086	ng		98
35) Caprolactam	11.657	113	105955	50.762	ng		93
36) 4-Chloro-3-methylphenol	11.998	107	362781	48.512	ng		99
37) 2-Methylnaphthalene	12.363	142	787943	45.078	ng		99
38) 1-Methylnaphthalene	12.586	142	759084	44.470	ng		100
40) 1,2,4,5-Tetrachloroben...	12.739	216	459131	54.438	ng		98
41) Hexachlorocyclopentadiene	12.721	237	547707	108.466	ng		98
43) 2,4,6-Trichlorophenol	12.974	196	301536	52.814	ng		98

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44)	2,4,5-Trichlorophenol	13.051	196	325727	51.377	ng		95
46)	1,1'-Biphenyl	13.374	154	1040222	46.617	ng		99
47)	2-Chloronaphthalene	13.416	162	818731	47.081	ng		99
48)	2-Nitroaniline	13.616	65	228980	45.773	ng		100
49)	Acenaphthylene	14.263	152	1294289	48.342	ng		100
50)	Dimethylphthalate	13.998	163	992704	44.954	ng		99
51)	2,6-Dinitrotoluene	14.116	165	225039	50.054	ng		90
52)	Acenaphthene	14.604	154	910966m	50.220	ng		
53)	3-Nitroaniline	14.445	138	125917	26.103	ng		96
54)	2,4-Dinitrophenol	14.651	184	267147	101.019	ng		89
55)	Dibenzofuran	14.939	168	1204258	46.503	ng		97
56)	4-Nitrophenol	14.757	139	401508	101.905	ng		95
57)	2,4-Dinitrotoluene	14.904	165	313151	51.962	ng		92
58)	Fluorene	15.586	166	979086	45.516	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.168	232	283223	52.547	ng		90
60)	Diethylphthalate	15.362	149	1003148	44.601	ng		99
61)	4-Chlorophenyl-phenyle...	15.580	204	513758	49.906	ng		95
62)	4-Nitroaniline	15.604	138	224265	44.898	ng		99
63)	Azobenzene	15.874	77	850829	41.476	ng		97
65)	4,6-Dinitro-2-methylph...	15.668	198	178247	47.531	ng		93
66)	n-Nitrosodiphenylamine	15.798	169	851706	44.798	ng		99
67)	4-Bromophenyl-phenylether	16.474	248	317928	49.857	ng		94
68)	Hexachlorobenzene	16.592	284	354010	49.172	ng		93
69)	Atrazine	16.751	200	326573	51.164	ng		97
70)	Pentachlorophenol	16.939	266	494543	109.634	ng		100
71)	Phenanthrene	17.327	178	1558200	44.567	ng		99
72)	Anthracene	17.415	178	1566115	46.390	ng		100
73)	Carbazole	17.686	167	1455230	47.197	ng		98
74)	Di-n-butylphthalate	18.256	149	1779465	45.360	ng		99
75)	Fluoranthene	19.339	202	1910055	49.752	ng		98
77)	Benzidine	19.521	184	977199	46.612	ng		100
78)	Pyrene	19.703	202	1967179	43.348	ng		100
80)	Butylbenzylphthalate	20.603	149	837214	42.030	ng		95
81)	Benzo(a)anthracene	21.450	228	2086864	45.574	ng		99
82)	3,3'-Dichlorobenzidine	21.386	252	508766	38.120	ng	#	98
83)	Chrysene	21.503	228	1962882	44.878	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.386	149	1243025	40.581	ng	#	97
85)	Di-n-octyl phthalate	22.303	149	2169845	42.971	ng		97
87)	Indeno(1,2,3-cd)pyrene	26.326	276	2595757	45.907	ng		97
88)	Benzo(b)fluoranthene	23.127	252	2238647	47.858	ng		99
89)	Benzo(k)fluoranthene	23.174	252	2188838	46.226	ng		99
90)	Benzo(a)pyrene	23.744	252	2156584	55.494	ng		99
91)	Dibenzo(a,h)anthracene	26.338	278	2282945	48.132	ng		98
92)	Benzo(g,h,i)perylene	27.085	276	2237269	49.091	ng		96

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

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