Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052322\
Data File : BM035198.D
Acq On : 23 May 2022 17:33
Operator : CG/JU
Sample : N2894-18MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P008-SS002-2430-01MS

Manual Integrations APPROVED

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

Quant Time: May 24 03:17:00 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152	130127	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	484364	20.000	ng		0.00
39) Acenaphthene-d10	14.539	164	293233	20.000	ng		0.00
64) Phenanthrene-d10	17.280	188	615239	20.000	ng		0.00
76) Chrysene-d12	21.463	240	620420	20.000	ng		-0.01
86) Perylene-d12	23.845	264	683725	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	717191	97.234	ng		0.00
7) Phenol-d6	7.075	99	887666	93.224	ng		0.00
23) Nitrobenzene-d5	9.063	82	579988	64.663	ng		0.00
42) 2,4,6-Tribromophenol	16.028	330	363283	113.889	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	1323652	65.529	ng		0.00
79) Terphenyl-d14	19.910	244	2019332	63.019	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	136718	45.811	ng		96
3) Pyridine	3.781	79	350884	42.198	ng		97
4) n-Nitrosodimethylamine	3.693	42	200210	48.834	ng		92
6) Aniline	7.228	93	310867	28.422	ng		98
8) 2-Chlorophenol	7.469	128	413755	50.402	ng		96
9) Benzaldehyde	7.040	77	254278	41.030	ng		98
10) Phenol	7.099	94	477074	48.991	ng		98
11) bis(2-Chloroethyl)ether	7.322	93	354263	48.324	ng		98
12) 1,3-Dichlorobenzene	7.793	146	470725	50.621	ng		98
13) 1,4-Dichlorobenzene	7.940	146	476931	50.114	ng		99
14) 1,2-Dichlorobenzene	8.258	146	451736	49.858	ng		99
15) Benzyl Alcohol	8.146	79	354302m	49.791	ng		
16) 2,2'-oxybis(1-Chloropr...	8.440	45	489037	41.162	ng		97
17) 2-Methylphenol	8.352	107	323333	48.898	ng		99
18) Hexachloroethane	8.981	117	170422	48.789	ng		95
19) n-Nitroso-di-n-propyla...	8.716	70	284962	45.714	ng		95
20) 3+4-Methylphenols	8.681	107	433535	47.918	ng		99
22) Acetophenone	8.728	105	586697	50.014	ng	#	95
24) Nitrobenzene	9.105	77	427966	47.433	ng		99
25) Isophorone	9.634	82	754272	50.297	ng		99
26) 2-Nitrophenol	9.816	139	221383	56.230	ng		98
27) 2,4-Dimethylphenol	9.881	122	358395	59.032	ng		96
28) bis(2-Chloroethoxy)met...	10.116	93	455751	52.808	ng		99
29) 2,4-Dichlorophenol	10.357	162	385526	53.860	ng		99
30) 1,2,4-Trichlorobenzene	10.569	180	431889	53.305	ng		98
31) Naphthalene	10.751	128	1188475	47.565	ng		100
32) Benzoic acid	10.004	122	155066	31.836	ng		98
33) 4-Chloroaniline	10.863	127	142406	14.168	ng		98
34) Hexachlorobutadiene	11.046	225	276694	55.311	ng		98
35) Caprolactam	11.657	113	112356	54.347	ng		97
36) 4-Chloro-3-methylphenol	11.998	107	380877	51.421	ng		99
37) 2-Methylnaphthalene	12.363	142	830371	47.962	ng		99
38) 1-Methylnaphthalene	12.587	142	797179	47.151	ng		100
40) 1,2,4,5-Tetrachloroben...	12.740	216	473442	56.702	ng		98
41) Hexachlorocyclopentadiene	12.722	237	622329	124.488	ng		99
43) 2,4,6-Trichlorophenol	12.975	196	318351	56.322	ng		98

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44) 2,4,5-Trichlorophenol	13.051	196	343040	54.654	ng		95
46) 1,1'-Biphenyl	13.375	154	1099976	49.792	ng		99
47) 2-Chloronaphthalene	13.416	162	856382	49.743	ng		99
48) 2-Nitroaniline	13.616	65	246041	49.680	ng		98
49) Acenaphthylene	14.263	152	1382277	52.150	ng		99
50) Dimethylphthalate	13.998	163	1060042	48.488	ng		99
51) 2,6-Dinitrotoluene	14.116	165	234000	52.572	ng		90
52) Acenaphthene	14.604	154	904455m	50.365	ng		
53) 3-Nitroaniline	14.439	138	116158	24.323	ng		98
54) 2,4-Dinitrophenol	14.651	184	201727	77.051	ng		92
55) Dibenzofuran	14.939	168	1262422	49.241	ng		98
56) 4-Nitrophenol	14.757	139	414574	106.283	ng		98
57) 2,4-Dinitrotoluene	14.904	165	324929	54.461	ng		94
58) Fluorene	15.586	166	1028325	48.288	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.169	232	294927	55.271	ng		92
60) Diethylphthalate	15.363	149	1070517	48.077	ng		99
61) 4-Chlorophenyl-phenyle...	15.581	204	534757	52.470	ng		97
62) 4-Nitroaniline	15.604	138	234890	47.500	ng		99
63) Azobenzene	15.875	77	912001	44.907	ng		98
65) 4,6-Dinitro-2-methylph...	15.669	198	163220	44.379	ng		96
66) n-Nitrosodiphenylamine	15.798	169	892866	47.886	ng		99
67) 4-Bromophenyl-phenylether	16.475	248	325703	52.080	ng		95
68) Hexachlorobenzene	16.598	284	366835	51.955	ng	#	91
69) Atrazine	16.751	200	337316	53.886	ng		99
70) Pentachlorophenol	16.939	266	523954	118.436	ng		100
71) Phenanthrene	17.328	178	1597296	46.583	ng		99
72) Anthracene	17.416	178	1642032	49.595	ng		99
73) Carbazole	17.686	167	1484531	49.094	ng		99
74) Di-n-butylphthalate	18.257	149	1840160	47.829	ng		99
75) Fluoranthene	19.339	202	1892097	50.253	ng		98
77) Benzidine	19.522	184	1046753	55.228	ng		99
78) Pyrene	19.704	202	1912112	46.605	ng		100
80) Butylbenzylphthalate	20.604	149	837008	46.477	ng		95
81) Benzo(a)anthracene	21.451	228	1986468	47.984	ng		99
82) 3,3'-Dichlorobenzidine	21.380	252	389880	32.312	ng		99
83) Chrysene	21.504	228	1832225	46.335	ng		99
84) Bis(2-ethylhexyl)phtha...	21.386	149	1225095	44.239	ng	#	98
85) Di-n-octyl phthalate	22.304	149	2137671	46.825	ng		98
87) Indeno(1,2,3-cd)pyrene	26.321	276	2476082	47.632	ng		97
88) Benzo(b)fluoranthene	23.127	252	2131305	49.561	ng		99
89) Benzo(k)fluoranthene	23.174	252	1996503	45.863	ng		99
90) Benzo(a)pyrene	23.745	252	2049386	57.363	ng		98
91) Dibenzo(a,h)anthracene	26.339	278	2159017	49.513	ng		98
92) Benzo(g,h,i)perylene	27.080	276	2141757	51.118	ng		97

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

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