Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052322\
Data File : BM035199.D
Acq On : 23 May 2022 18:10
Operator : CG/JU
Sample : N2894-18MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations APPROVED

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

Quant Time: May 24 03:17:12 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	7.904	152	127185	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	454190	20.000	ng		0.00
39) Acenaphthene-d10	14.539	164	259368	20.000	ng		0.00
64) Phenanthrene-d10	17.280	188	514716	20.000	ng		0.00
76) Chrysene-d12	21.462	240	554833	20.000	ng		#-0.01
86) Perylene-d12	23.844	264	628177	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	681237	94.496	ng		0.00
7) Phenol-d6	7.075	99	825776	88.730	ng		0.00
23) Nitrobenzene-d5	9.063	82	535030	63.613	ng		0.00
42) 2,4,6-Tribromophenol	16.027	330	311357	110.355	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	1195464	66.910	ng		0.00
79) Terphenyl-d14	19.903	244	1726187	60.239	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	128535	44.065	ng		95
3) Pyridine	3.781	79	326918	40.225	ng		95
4) n-Nitrosodimethylamine	3.693	42	180951	45.157	ng		88
6) Aniline	7.228	93	308183	28.829	ng		98
8) 2-Chlorophenol	7.469	128	391603	48.807	ng		95
9) Benzaldehyde	7.040	77	238496	39.374	ng		97
10) Phenol	7.098	94	436190	45.829	ng		99
11) bis(2-Chloroethyl)ether	7.322	93	336823	47.008	ng		96
12) 1,3-Dichlorobenzene	7.792	146	456734	50.252	ng		97
13) 1,4-Dichlorobenzene	7.940	146	465464	50.040	ng		99
14) 1,2-Dichlorobenzene	8.257	146	441461	49.851	ng		99
15) Benzyl Alcohol	8.145	79	320502m	46.082	ng		
16) 2,2'-oxybis(1-Chloropr...	8.440	45	435394	37.494	ng		95
17) 2-Methylphenol	8.351	107	296931	45.944	ng		99
18) Hexachloroethane	8.987	117	162009	47.453	ng		89
19) n-Nitroso-di-n-propyla...	8.710	70	258858	42.487	ng		94
20) 3+4-Methylphenols	8.681	107	394626	44.626	ng		99
22) Acetophenone	8.728	105	542075	49.280	ng	#	95
24) Nitrobenzene	9.104	77	392591	46.403	ng		97
25) Isophorone	9.634	82	673660	47.906	ng		98
26) 2-Nitrophenol	9.816	139	206143	55.838	ng		97
27) 2,4-Dimethylphenol	9.881	122	319004	56.035	ng		96
28) bis(2-Chloroethoxy)met...	10.116	93	409027	50.542	ng		100
29) 2,4-Dichlorophenol	10.357	162	347938	51.838	ng		99
30) 1,2,4-Trichlorobenzene	10.569	180	411600	54.176	ng		98
31) Naphthalene	10.757	128	1107812	47.282	ng		99
32) Benzoic acid	9.998	122	151595	33.191	ng		94
33) 4-Chloroaniline	10.863	127	140585	14.916	ng		98
34) Hexachlorobutadiene	11.045	225	270864	57.743	ng		97
35) Caprolactam	11.657	113	95163	49.088	ng		89
36) 4-Chloro-3-methylphenol	11.998	107	329523	47.444	ng		99
37) 2-Methylnaphthalene	12.363	142	751365	46.282	ng		99
38) 1-Methylnaphthalene	12.586	142	719605	45.390	ng		100
40) 1,2,4,5-Tetrachloroben...	12.739	216	448604	60.742	ng		98
41) Hexachlorocyclopentadiene	12.722	237	577760	130.663	ng		99
43) 2,4,6-Trichlorophenol	12.975	196	279973	56.000	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	295533	53.232	ng		94
46) 1,1'-Biphenyl	13.374	154	986226	50.472	ng		99
47) 2-Chloronaphthalene	13.416	162	773134	50.771	ng		99
48) 2-Nitroaniline	13.616	65	204534	46.691	ng		96
49) Acenaphthylene	14.263	152	1197261	51.067	ng		99
50) Dimethylphthalate	13.998	163	899743	46.529	ng		99
51) 2,6-Dinitrotoluene	14.116	165	201464	51.172	ng		89
52) Acenaphthene	14.604	154	803590m	50.591	ng		
53) 3-Nitroaniline	14.445	138	104557	24.753	ng		95
54) 2,4-Dinitrophenol	14.651	184	195789	84.547	ng		89
55) Dibenzofuran	14.939	168	1095997	48.332	ng		97
56) 4-Nitrophenol	14.757	139	339367	98.362	ng		95
57) 2,4-Dinitrotoluene	14.904	165	272468	51.631	ng		93
58) Fluorene	15.586	166	885925	47.033	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.168	232	253191	53.645	ng		89
60) Diethylphthalate	15.363	149	870704	44.209	ng		98
61) 4-Chlorophenyl-phenyle...	15.580	204	465159	51.600	ng		93
62) 4-Nitroaniline	15.604	138	191769	43.843	ng		97
63) Azobenzene	15.874	77	740400	41.218	ng		95
65) 4,6-Dinitro-2-methylph...	15.668	198	147334	47.884	ng		90
66) n-Nitrosodiphenylamine	15.798	169	753227	48.286	ng		100
67) 4-Bromophenyl-phenylether	16.474	248	285296	54.528	ng		93
68) Hexachlorobenzene	16.598	284	322591	54.611	ng	#	89
69) Atrazine	16.751	200	281763	53.802	ng		97
70) Pentachlorophenol	16.939	266	457005	123.478	ng		98
71) Phenanthrene	17.327	178	1350379	47.073	ng		100
72) Anthracene	17.415	178	1374382	49.618	ng		99
73) Carbazole	17.686	167	1230355	48.635	ng		97
74) Di-n-butylphthalate	18.256	149	1473749	45.786	ng		99
75) Fluoranthene	19.339	202	1604072	50.924	ng		98
77) Benzidine	19.521	184	854540	50.416	ng		99
78) Pyrene	19.703	202	1650302	44.978	ng		99
80) Butylbenzylphthalate	20.603	149	681635	42.324	ng		92
81) Benzo(a)anthracene	21.450	228	1766447	47.713	ng		99
82) 3,3'-Dichlorobenzidine	21.380	252	405113	37.543	ng		99
83) Chrysene	21.503	228	1651547	46.703	ng		100
84) Bis(2-ethylhexyl)phtha...	21.386	149	1028618	41.535	ng	#	97
85) Di-n-octyl phthalate	22.303	149	1825053	44.703	ng		97
87) Indeno(1,2,3-cd)pyrene	26.321	276	2372045	49.666	ng		97
88) Benzo(b)fluoranthene	23.127	252	1968679	49.828	ng		99
89) Benzo(k)fluoranthene	23.174	252	1845072	46.132	ng		99
90) Benzo(a)pyrene	23.744	252	1891004	57.610	ng		98
91) Dibenzo(a,h)anthracene	26.338	278	2076357	51.828	ng		97
92) Benzo(g,h,i)perylene	27.079	276	2074979	53.904	ng		96

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

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