Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060222\
Data File : BM035370.D
Acq On : 02 Jun 2022 19:50
Operator : CG/JU
Sample : N2986-07MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P027-SS001-1824-01MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/03/2022
Supervised By :Jagrut Upadhyay 06/03/2022

Quant Time: Jun 03 01:43:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 16:16:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.851	152	134329	20.000	ng		0.00
21) Naphthalene-d8	10.651	136	498783	20.000	ng	#	0.00
39) Acenaphthene-d10	14.492	164	331399	20.000	ng		0.00
64) Phenanthrene-d10	17.239	188	724973	20.000	ng	#	0.00
76) Chrysene-d12	21.421	240	889252	20.000	ng	#	0.00
86) Perylene-d12	23.780	264	1026677	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	818872	128.097	ng		0.00
7) Phenol-d6	7.040	99	1010741	115.750	ng		0.00
23) Nitrobenzene-d5	9.016	82	580176	73.858	ng		0.00
42) 2,4,6-Tribromophenol	15.986	330	588375	110.655	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	1767825	76.617	ng		0.00
79) Terphenyl-d14	19.862	244	3234744	72.471	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	105488	49.190	ng	#	85
3) Pyridine	3.734	79	257434	44.021	ng	#	85
4) n-Nitrosodimethylamine	3.646	42	113995	51.661	ng	#	56
6) Aniline	7.181	93	430114	45.062	ng		93
8) 2-Chlorophenol	7.422	128	412656	51.444	ng		89
9) Benzaldehyde	6.992	77	197009	60.486	ng		85
10) Phenol	7.063	94	446913	53.091	ng		90
11) bis(2-Chloroethyl)ether	7.275	93	333409	48.690	ng		91
12) 1,3-Dichlorobenzene	7.740	146	474341	50.636	ng	#	93
13) 1,4-Dichlorobenzene	7.887	146	481203	50.032	ng		97
14) 1,2-Dichlorobenzene	8.204	146	454799	48.222	ng		96
15) Benzyl Alcohol	8.098	79	299571m	46.950	ng		
16) 2,2'-oxybis(1-Chloropr...	8.381	45	367093	43.970	ng		92
17) 2-Methylphenol	8.310	107	313359	49.240	ng		94
18) Hexachloroethane	8.928	117	153370	48.888	ng	#	80
19) n-Nitroso-di-n-propyla...	8.663	70	241012	43.645	ng	#	83
20) 3+4-Methylphenols	8.639	107	424458	47.651	ng		94
22) Acetophenone	8.681	105	544921	49.142	ng	#	88
24) Nitrobenzene	9.057	77	353812	49.723	ng	#	88
25) Isophorone	9.586	82	667046	49.097	ng	#	94
26) 2-Nitrophenol	9.769	139	230530	49.510	ng	#	82
27) 2,4-Dimethylphenol	9.839	122	360838	58.439	ng		97
28) bis(2-Chloroethoxy)met...	10.069	93	433162	46.134	ng		98
29) 2,4-Dichlorophenol	10.310	162	417619	49.602	ng		96
30) 1,2,4-Trichlorobenzene	10.516	180	468289	48.352	ng		98
31) Naphthalene	10.704	128	1189359	49.213	ng		99
32) Benzoic acid	10.010	122	274016	49.612	ng		90
33) 4-Chloroaniline	10.816	127	253217	25.019	ng	#	93
34) Hexachlorobutadiene	10.992	225	304960	47.619	ng		99
35) Caprolactam	11.622	113	116836	47.150	ng	#	74
36) 4-Chloro-3-methylphenol	11.957	107	372471	47.988	ng		94
37) 2-Methylnaphthalene	12.316	142	859731	47.144	ng		97
38) 1-Methylnaphthalene	12.533	142	823881	46.101	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.686	216	552549	50.858	ng	#	96
41) Hexachlorocyclopentadiene	12.669	237	614019	113.792	ng		98
43) 2,4,6-Trichlorophenol	12.933	196	363919	49.627	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.010	196	396484	50.360	ng	#	90
46) 1,1'-Biphenyl	13.327	154	1188748	50.321	ng		99
47) 2-Chloronaphthalene	13.369	162	945782	51.318	ng		96
48) 2-Nitroaniline	13.574	65	210994	51.517	ng	#	79
49) Acenaphthylene	14.216	152	1489232	53.061	ng		99
50) Dimethylphthalate	13.957	163	1153808	47.361	ng	#	99
51) 2,6-Dinitrotoluene	14.074	165	264949	50.946	ng	#	71
52) Acenaphthene	14.557	154	846101	49.786	ng		99
53) 3-Nitroaniline	14.404	138	173656	35.176	ng		86
54) 2,4-Dinitrophenol	14.621	184	360678	96.783	ng	#	70
55) Dibenzofuran	14.892	168	1412434	48.388	ng		91
56) 4-Nitrophenol	14.733	139	431787	116.543	ng	#	75
57) 2,4-Dinitrotoluene	14.868	165	367764	51.661	ng	#	75
58) Fluorene	15.539	166	1135305	49.782	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.127	232	341954	47.184	ng	#	80
60) Diethylphthalate	15.316	149	1124796	46.688	ng		96
61) 4-Chlorophenyl-phenyle...	15.533	204	617115	47.179	ng	#	88
62) 4-Nitroaniline	15.568	138	254554	49.420	ng		83
63) Azobenzene	15.827	77	805267	47.076	ng		86
65) 4,6-Dinitro-2-methylph...	15.633	198	232617	47.762	ng	#	76
66) n-Nitrosodiphenylamine	15.751	169	1018098	49.764	ng		99
67) 4-Bromophenyl-phenylether	16.427	248	412913	46.987	ng	#	86
68) Hexachlorobenzene	16.551	284	483874	49.226	ng	#	82
69) Atrazine	16.710	200	391613	52.017	ng		95
70) Pentachlorophenol	16.898	266	599585	111.600	ng		99
71) Phenanthrene	17.280	178	1851727	50.463	ng		99
72) Anthracene	17.368	178	1905721	52.129	ng		99
73) Carbazole	17.645	167	1729765	50.243	ng		97
74) Di-n-butylphthalate	18.209	149	2024071	47.344	ng	#	98
75) Fluoranthene	19.298	202	2346615	52.975	ng		98
77) Benzidine	19.486	184	1039509	62.098	ng		100
78) Pyrene	19.662	202	2451867	45.468	ng		100
80) Butylbenzylphthalate	20.556	149	1001544	43.725	ng	#	86
81) Benzo(a)anthracene	21.409	228	2698152	49.419	ng		99
82) 3,3'-Dichlorobenzidine	21.339	252	807532	56.245	ng	#	98
83) Chrysene	21.462	228	2547634	48.870	ng		100
84) Bis(2-ethylhexyl)phtha...	21.339	149	1493625	43.292	ng	#	94
85) Di-n-octyl phthalate	22.250	149	2746125	45.538	ng	#	90
87) Indeno(1,2,3-cd)pyrene	26.238	276	3609186	52.993	ng		96
88) Benzo(b)fluoranthene	23.068	252	3064441	51.822	ng		99
89) Benzo(k)fluoranthene	23.115	252	2941640	48.612	ng		99
90) Benzo(a)pyrene	23.680	252	2959935	58.789	ng		98
91) Dibenzo(a,h)anthracene	26.244	278	3170779	55.779	ng		97
92) Benzo(g,h,i)perylene	26.985	276	3175784	57.920	ng	#	95

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

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