Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060722\
Data File : BM035414.D
Acq On : 07 Jun 2022 16:38
Operator : CG/JU
Sample : N3194-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 08 04:07:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 14:28:07 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
TP-1MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	171707	20.000	ng		0.00
21) Naphthalene-d8	10.640	136	602697	20.000	ng	#	0.00
39) Acenaphthene-d10	14.486	164	373369	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	742900	20.000	ng		0.00
76) Chrysene-d12	21.415	240	852893	20.000	ng	#	0.00
86) Perylene-d12	23.768	264	1000189	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1036631	126.861	ng		0.00
7) Phenol-d6	7.028	99	1264328	113.272	ng		0.00
23) Nitrobenzene-d5	9.004	82	729392	76.844	ng		0.00
42) 2,4,6-Tribromophenol	15.975	330	600450	100.232	ng		0.00
45) 2-Fluorobiphenyl	13.110	172	1990476	76.569	ng		0.00
79) Terphenyl-d14	19.857	244	3006060	70.218	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	150466	54.890	ng	#	87
3) Pyridine	3.728	79	389066	52.048	ng	#	86
4) n-Nitrosodimethylamine	3.640	42	174530	61.877	ng	#	63
6) Aniline	7.175	93	522253	42.805	ng		93
8) 2-Chlorophenol	7.410	128	538866	52.555	ng		90
9) Benzaldehyde	6.987	77	257760	62.720	ng		87
10) Phenol	7.058	94	575881	53.519	ng		89
11) bis(2-Chloroethyl)ether	7.269	93	449864	51.396	ng		90
12) 1,3-Dichlorobenzene	7.734	146	615509	51.402	ng	#	93
13) 1,4-Dichlorobenzene	7.875	146	609473	49.574	ng		98
14) 1,2-Dichlorobenzene	8.193	146	616439	51.133	ng		97
15) Benzyl Alcohol	8.093	79	365012m	44.753	ng		
16) 2,2'-oxybis(1-Chloropr...	8.375	45	506314	47.444	ng		93
17) 2-Methylphenol	8.305	107	391027	48.069	ng	#	93
18) Hexachloroethane	8.916	117	206433	51.478	ng	#	81
19) n-Nitroso-di-n-propyla...	8.657	70	299076	42.370	ng	#	83
20) 3+4-Methylphenols	8.634	107	515434	45.268	ng		95
22) Acetophenone	8.669	105	686699	51.251	ng	#	89
24) Nitrobenzene	9.046	77	456623	53.108	ng		90
25) Isophorone	9.581	82	815768	49.691	ng	#	91
26) 2-Nitrophenol	9.757	139	286950	51.002	ng	#	83
27) 2,4-Dimethylphenol	9.828	122	434797	58.276	ng		95
28) bis(2-Chloroethoxy)met...	10.057	93	536664	47.302	ng		99
29) 2,4-Dichlorophenol	10.304	162	497382	48.890	ng		96
30) 1,2,4-Trichlorobenzene	10.510	180	573874	49.037	ng		97
31) Naphthalene	10.693	128	1504787	51.530	ng		100
32) Benzoic acid	10.016	122	283643	42.500	ng		92
33) 4-Chloroaniline	10.810	127	257250	21.036	ng	#	93
34) Hexachlorobutadiene	10.981	225	394248	50.947	ng		98
35) Caprolactam	11.610	113	125099	41.780	ng	#	75
36) 4-Chloro-3-methylphenol	11.951	107	415950	44.350	ng		90
37) 2-Methylnaphthalene	12.304	142	1059528	48.083	ng		96
38) 1-Methylnaphthalene	12.528	142	939125	43.489	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.681	216	659272	53.860	ng	#	96
41) Hexachlorocyclopentadiene	12.657	237	615734	101.810	ng		97
43) 2,4,6-Trichlorophenol	12.928	196	411046	49.753	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.004	196	423758	47.774	ng	#	90
46) 1,1'-Biphenyl	13.322	154	1414169	53.134	ng		99
47) 2-Chloronaphthalene	13.363	162	1121127	53.994	ng		95
48) 2-Nitroaniline	13.569	65	232141	50.309	ng	#	78
49) Acenaphthylene	14.204	152	1742171	55.096	ng		99
50) Dimethylphthalate	13.951	163	1277276	46.535	ng	#	98
51) 2,6-Dinitrotoluene	14.069	165	290279	49.543	ng	#	71
52) Acenaphthene	14.545	154	1006093	52.545	ng		98
53) 3-Nitroaniline	14.398	138	160889	28.927	ng		87
54) 2,4-Dinitrophenol	14.616	184	329660	79.015	ng	#	68
55) Dibenzofuran	14.886	168	1615880	49.135	ng		90
56) 4-Nitrophenol	14.733	139	436137	104.484	ng	#	72
57) 2,4-Dinitrotoluene	14.863	165	394024	49.128	ng	#	78
58) Fluorene	15.533	166	1291239	50.255	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.122	232	373460	45.738	ng	#	80
60) Diethylphthalate	15.310	149	1208081	44.508	ng		96
61) 4-Chlorophenyl-phenyle...	15.528	204	699294	47.452	ng	#	86
62) 4-Nitroaniline	15.563	138	262154	45.174	ng	#	81
63) Azobenzene	15.822	77	909393	47.187	ng		84
65) 4,6-Dinitro-2-methylph...	15.628	198	223195	44.722	ng		78
66) n-Nitrosodiphenylamine	15.745	169	1120556	53.451	ng		98
67) 4-Bromophenyl-phenylether	16.422	248	455729	50.608	ng	#	85
68) Hexachlorobenzene	16.545	284	529931	52.611	ng	#	81
69) Atrazine	16.698	200	411516	53.342	ng		96
70) Pentachlorophenol	16.892	266	597071	108.450	ng		99
71) Phenanthrene	17.275	178	2017707	53.659	ng		99
72) Anthracene	17.363	178	2039563	54.444	ng		99
73) Carbazole	17.639	167	1837978	52.098	ng		97
74) Di-n-butylphthalate	18.204	149	2059541	47.011	ng	#	98
75) Fluoranthene	19.292	202	2457210	54.133	ng		98
77) Benzidine	19.474	184	1652571	102.930	ng		100
78) Pyrene	19.651	202	2547246	49.250	ng		99
80) Butylbenzylphthalate	20.551	149	963002	43.835	ng	#	85
81) Benzo(a)anthracene	21.404	228	2759675	52.701	ng		100
82) 3,3'-Dichlorobenzidine	21.333	252	781816	56.775	ng	#	99
83) Chrysene	21.451	228	2596761	51.936	ng		99
84) Bis(2-ethylhexyl)phtha...	21.333	149	1450057	43.821	ng	#	94
85) Di-n-octyl phthalate	22.239	149	2629550	45.464	ng	#	90
87) Indeno(1,2,3-cd)pyrene	26.221	276	3846336	57.971	ng		95
88) Benzo(b)fluoranthene	23.056	252	3096168	53.745	ng		99
89) Benzo(k)fluoranthene	23.104	252	3046990	51.687	ng		98
90) Benzo(a)pyrene	23.668	252	3054832	62.281	ng		98
91) Dibenzo(a,h)anthracene	26.233	278	3309468	59.760	ng		96
92) Benzo(g,h,i)perylene	26.968	276	3392378	63.509	ng	#	95

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

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