Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080222\
Data File : BM036049.D
Acq On : 02 Aug 2022 13:19
Operator : CG/JU
Sample : N3935-07MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 03 00:52:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 17:50:14 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
RVE-138MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/04/2022

08/03/2022
Supervised By :Jagrut Upadhyay

08/04/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	255061	20.000	ng		0.00
21) Naphthalene-d8	10.675	136	1010244	20.000	ng		0.00
39) Acenaphthene-d10	14.510	164	537110	20.000	ng		0.00
64) Phenanthrene-d10	17.245	188	988640	20.000	ng		0.00
76) Chrysene-d12	21.427	240	904380	20.000	ng		0.00
86) Perylene-d12	23.791	264	1037636	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1783067	113.338	ng		0.00
7) Phenol-d6	7.040	99	2177175	108.760	ng		0.00
23) Nitrobenzene-d5	9.040	82	1285047	71.204	ng		0.00
42) 2,4,6-Tribromophenol	15.992	330	670273	106.375	ng		0.00
45) 2-Fluorobiphenyl	13.133	172	2529791	69.542	ng		0.00
79) Terphenyl-d14	19.868	244	3042705	66.361	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	274395	43.284	ng		92
3) Pyridine	3.710	79	735283	43.253	ng	#	88
4) n-Nitrosodimethylamine	3.622	42	331450	47.447	ng	#	63
6) Aniline	7.198	93	993820	44.832	ng		95
8) 2-Chlorophenol	7.434	128	810466	48.317	ng		95
9) Benzaldehyde	7.010	77	362702	34.224	ng		94
10) Phenol	7.069	94	986106	48.923	ng		90
11) bis(2-Chloroethyl)ether	7.298	93	771814	46.483	ng		94
12) 1,3-Dichlorobenzene	7.757	146	887516	47.748	ng		97
13) 1,4-Dichlorobenzene	7.904	146	905052	47.746	ng		99
14) 1,2-Dichlorobenzene	8.222	146	862425	47.153	ng		99
15) Benzyl Alcohol	8.116	79	624061m	46.456	ng		
16) 2,2'-oxybis(1-Chloropr...	8.410	45	1022954	46.332	ng		97
17) 2-Methylphenol	8.316	107	630767	47.275	ng		95
18) Hexachloroethane	8.951	117	333084	48.812	ng		97
19) n-Nitroso-di-n-propyla...	8.687	70	549188	45.166	ng	#	88
20) 3+4-Methylphenols	8.645	107	827161	45.630	ng		95
22) Acetophenone	8.698	105	1136187	47.511	ng	#	92
24) Nitrobenzene	9.081	77	831904	49.033	ng		96
25) Isophorone	9.610	82	1472367	50.149	ng		98
26) 2-Nitrophenol	9.792	139	398526	49.801	ng		91
27) 2,4-Dimethylphenol	9.851	122	680878	54.925	ng		96
28) bis(2-Chloroethoxy)met...	10.092	93	942666	45.067	ng		100
29) 2,4-Dichlorophenol	10.322	162	670172	48.073	ng		99
30) 1,2,4-Trichlorobenzene	10.534	180	725288	45.910	ng		98
31) Naphthalene	10.728	128	2367057	47.127	ng		100
32) Benzoic acid	9.986	122	468961	47.724	ng		95
33) 4-Chloroaniline	10.839	127	650665	32.144	ng		96
34) Hexachlorobutadiene	11.004	225	432303	46.568	ng		100
35) Caprolactam	11.633	113	191483	44.593	ng		95
36) 4-Chloro-3-methylphenol	11.963	107	663490	45.280	ng		100
37) 2-Methylnaphthalene	12.333	142	1562646	46.753	ng		98
38) 1-Methylnaphthalene	12.557	142	1467210	44.826	ng		99
40) 1,2,4,5-Tetrachloroben...	12.704	216	734438	50.436	ng		99
41) Hexachlorocyclopentadiene	12.680	237	982263	127.364	ng		98
43) 2,4,6-Trichlorophenol	12.945	196	490675	49.520	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	519232	49.641	ng		98
46) 1,1'-Biphenyl	13.345	154	1927240	49.236	ng		99
47) 2-Chloronaphthalene	13.386	162	1480146	49.407	ng		98
48) 2-Nitroaniline	13.598	65	408688	50.058	ng		89
49) Acenaphthylene	14.233	152	2313980	49.968	ng		100
50) Dimethylphthalate	13.974	163	1669800	45.716	ng		99
51) 2,6-Dinitrotoluene	14.092	165	365158	49.827	ng		91
52) Acenaphthene	14.569	154	1607965m	53.080	ng		
53) 3-Nitroaniline	14.422	138	304054	35.561	ng		95
54) 2,4-Dinitrophenol	14.627	184	401856	103.622	ng		88
55) Dibenzofuran	14.904	168	2101243	46.319	ng		98
56) 4-Nitrophenol	14.727	139	706994	103.327	ng		86
57) 2,4-Dinitrotoluene	14.874	165	479238	49.891	ng		98
58) Fluorene	15.551	166	1682281	47.012	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.127	232	411087	46.396	ng		97
60) Diethylphthalate	15.333	149	1675365	44.634	ng		99
61) 4-Chlorophenyl-phenyle...	15.551	204	808013	45.284	ng		95
62) 4-Nitroaniline	15.580	138	405499	46.100	ng		92
63) Azobenzene	15.839	77	1611722	45.167	ng		93
65) 4,6-Dinitro-2-methylph...	15.633	198	231923	45.880	ng		94
66) n-Nitrosodiphenylamine	15.763	169	1388842	49.763	ng		99
67) 4-Bromophenyl-phenylether	16.445	248	474675	48.000	ng		94
68) Hexachlorobenzene	16.551	284	554562	48.875	ng		92
69) Atrazine	16.715	200	454727	58.229	ng		98
70) Pentachlorophenol	16.898	266	694900	104.571	ng		98
71) Phenanthrene	17.292	178	2437844	48.401	ng		99
72) Anthracene	17.380	178	2454091	50.327	ng		99
73) Carbazole	17.651	167	2288999	46.329	ng		99
74) Di-n-butylphthalate	18.221	149	2745074	46.542	ng		99
75) Fluoranthene	19.304	202	2666823	47.300	ng		99
77) Benzidine	19.498	184	1550579	114.324	ng		99
78) Pyrene	19.668	202	2750461	49.045	ng		99
80) Butylbenzylphthalate	20.568	149	1145424	47.323	ng		99
81) Benzo(a)anthracene	21.415	228	2659545	47.744	ng		99
82) 3,3'-Dichlorobenzidine	21.350	252	958117	70.835	ng		99
83) Chrysene	21.468	228	2526232	47.708	ng		99
84) Bis(2-ethylhexyl)phtha...	21.345	149	1664878	45.593	ng		100
85) Di-n-octyl phthalate	22.262	149	2760434	46.320	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.256	276	3691965	50.631	ng		98
88) Benzo(b)fluoranthene	23.074	252	2987852	49.147	ng		99
89) Benzo(k)fluoranthene	23.121	252	2916276	47.494	ng		98
90) Benzo(a)pyrene	23.691	252	2708994	53.109	ng		99
91) Dibenzo(a,h)anthracene	26.274	278	3250999	53.262	ng		99
92) Benzo(g,h,i)perylene	27.015	276	3218679	54.471	ng		99

08/03/2022
Supervised By :Jagrut Upadhyay
08/04/2022

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

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