Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080923\
Data File : BM041347.D
Acq On : 09 Aug 2023 19:47
Operator : MA/JU
Sample : 03919-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 10 03:27:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 09 12:20:12 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
TP-38MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.781	152	133901	20.000	ng		0.00
21) Naphthalene-d8	10.586	136	549064	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	323704	20.000	ng		0.00
64) Phenanthrene-d10	17.209	188	622781	20.000	ng		0.00
76) Chrysene-d12	21.415	240	469264	20.000	ng		0.00
86) Perylene-d12	23.780	264	538778	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	1092388	121.931	ng		0.00
7) Phenol-d6	6.969	99	1262505	108.714	ng		0.00
23) Nitrobenzene-d5	8.963	82	1014126	85.894	ng		0.00
42) 2,4,6-Tribromophenol	15.951	330	629803	137.553	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	2283719	89.122	ng		0.00
79) Terphenyl-d14	19.850	244	2809016	108.230	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.269	88	139480	36.393	ng	#	41
3) Pyridine	3.681	79	352994	35.029	ng		99
4) n-Nitrosodimethylamine	3.587	42	208461	44.728	ng		95
6) Aniline	7.122	93	152712	11.236	ng		99
8) 2-Chlorophenol	7.351	128	468392	53.554	ng		99
9) Benzaldehyde	6.934	77	164610m	26.863	ng		
10) Phenol	6.998	94	512054	45.653	ng		97
11) bis(2-Chloroethyl)ether	7.222	93	475624	52.386	ng		98
12) 1,3-Dichlorobenzene	7.663	146	499650	52.482	ng		99
13) 1,4-Dichlorobenzene	7.816	146	515530	53.874	ng		100
14) 1,2-Dichlorobenzene	8.128	146	500244	54.521	ng		99
15) Benzyl Alcohol	8.045	79	434990m	59.313	ng		
16) 2,2'-oxybis(1-Chloropr...	8.322	45	598205	49.451	ng		96
17) 2-Methylphenol	8.245	107	393676	51.374	ng		98
18) Hexachloroethane	8.845	117	195840	54.972	ng		95
19) n-Nitroso-di-n-propyla...	8.604	70	412540	58.485	ng		98
20) 3+4-Methylphenols	8.581	107	521718	50.920	ng		98
22) Acetophenone	8.622	105	741917	51.020	ng	#	98
24) Nitrobenzene	9.004	77	581061	48.666	ng		99
25) Isophorone	9.528	82	1110139	55.390	ng		99
26) 2-Nitrophenol	9.710	139	264094	56.581	ng		96
27) 2,4-Dimethylphenol	9.780	122	413034	50.288	ng		98
28) bis(2-Chloroethoxy)met...	10.010	93	643732	51.276	ng		99
29) 2,4-Dichlorophenol	10.251	162	466424	56.313	ng		99
30) 1,2,4-Trichlorobenzene	10.451	180	498277	54.450	ng		98
31) Naphthalene	10.639	128	1483349	49.785	ng		99
32) Benzoic acid	9.951	122	158209	28.979	ng		94
33) 4-Chloroaniline	10.780	127	67012	5.628	ng		99
34) Hexachlorobutadiene	10.904	225	316002	57.415	ng		97
35) Caprolactam	11.604	113	114853	47.934	ng		91
36) 4-Chloro-3-methylphenol	11.910	107	488191	55.999	ng		100
37) 2-Methylnaphthalene	12.257	142	1028951	51.224	ng		98
38) 1-Methylnaphthalene	12.474	142	991923	52.760	ng		100
40) 1,2,4,5-Tetrachloroben...	12.627	216	577176	54.911	ng	#	98
41) Hexachlorocyclopentadiene	12.592	237	580492	104.390	ng		99
43) 2,4,6-Trichlorophenol	12.880	196	387122	57.462	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	408957	52.447	ng	98
46) 1,1'-Biphenyl	13.274	154	1370303	52.217	ng	99
47) 2-Chloronaphthalene	13.321	162	1065594	54.383	ng	99
48) 2-Nitroaniline	13.551	65	315741	50.482	ng	98
49) Acenaphthylene	14.168	152	1703402	53.859	ng	100
50) Dimethylphthalate	13.921	163	1321058	54.254	ng	99
51) 2,6-Dinitrotoluene	14.051	165	282440	55.981	ng	99
52) Acenaphthene	14.515	154	982988	51.593	ng	100
53) 3-Nitroaniline	14.386	138	142767	25.718	ng	96
54) 2,4-Dinitrophenol	14.604	184	229591	68.307	ng	94
55) Dibenzofuran	14.851	168	1592156	51.218	ng	99
56) 4-Nitrophenol	14.710	139	306885	72.984	ng	96
57) 2,4-Dinitrotoluene	14.845	165	378701	52.308	ng	95
58) Fluorene	15.504	166	1269124	51.752	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.086	232	350713	55.544	ng	99
60) Diethylphthalate	15.286	149	1274076	54.107	ng	99
61) 4-Chlorophenyl-phenyle...	15.498	204	668672	54.413	ng	98
62) 4-Nitroaniline	15.557	138	207960	39.455	ng	96
63) Azobenzene	15.792	77	1315396	50.997	ng	99
65) 4,6-Dinitro-2-methylph...	15.610	198	180438	47.826	ng	93
66) n-Nitrosodiphenylamine	15.721	169	1049654	54.193	ng	99
67) 4-Bromophenyl-phenylether	16.398	248	398485	58.358	ng	99
68) Hexachlorobenzene	16.504	284	458149	60.340	ng	99
69) Atrazine	16.686	200	369772	72.696	ng	99
70) Pentachlorophenol	16.862	266	485429	92.328	ng	100
71) Phenanthrene	17.251	178	1805982	52.193	ng	99
72) Anthracene	17.345	178	1824219	53.305	ng	100
73) Carbazole	17.627	167	1556043	50.236	ng	100
74) Di-n-butylphthalate	18.186	149	2045649	58.445	ng	99
75) Fluoranthene	19.280	202	1940456	49.916	ng	98
77) Benzidine	19.486	184	252711	39.511	ng	100
78) Pyrene	19.645	202	1981090	60.369	ng	99
80) Butylbenzylphthalate	20.550	149	773690	64.561	ng	96
81) Benzo(a)anthracene	21.397	228	1755191	55.173	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	349729	33.690	ng	99
83) Chrysene	21.450	228	1619575	52.635	ng	99
84) Bis(2-ethylhexyl)phtha...	21.321	149	1097716	57.168	ng	98
85) Di-n-octyl phthalate	22.233	149	1842412	60.831	ng	96
87) Indeno(1,2,3-cd)pyrene	26.232	276	2153248	54.359	ng	96
88) Benzo(b)fluoranthene	23.062	252	1755752	54.856	ng	98
89) Benzo(k)fluoranthene	23.109	252	1691249	51.657	ng	99
90) Benzo(a)pyrene	23.674	252	1549345	50.379	ng	98
91) Dibenzo(a,h)anthracene	26.238	278	1797408	54.402	ng	98
92) Benzo(g,h,i)perylene	26.991	276	1727100	53.423	ng	97

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

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