Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110223\
Data File : BM042561.D
Acq On : 02 Nov 2023 15:01
Operator : MA/JU
Sample : 05138-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
348MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

Quant Time: Nov 02 22:40:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 02:55:18 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	53625	20.000	ng		0.00
21) Naphthalene-d8	10.739	136	198049	20.000	ng		-0.01
39) Acenaphthene-d10	14.574	164	115244	20.000	ng		0.00
64) Phenanthrene-d10	17.327	188	243396	20.000	ng		0.00
76) Chrysene-d12	21.509	240	248266	20.000	ng		0.00
86) Perylene-d12	23.927	264	284533	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	482969	145.353	ng		0.00
7) Phenol-d6	7.092	99	587920	129.015	ng		0.00
23) Nitrobenzene-d5	9.122	82	457558	107.699	ng		-0.01
42) 2,4,6-Tribromophenol	16.068	330	261877	174.050	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	891615	104.106	ng		0.00
79) Terphenyl-d14	19.939	244	1560426	106.574	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	63244	39.939	ng	#	56
3) Pyridine	3.752	79	140836	31.004	ng		97
4) n-Nitrosodimethylamine	3.669	42	116935	53.491	ng		85
6) Aniline	7.269	93	127238	21.966	ng		98
8) 2-Chlorophenol	7.481	128	170001	47.449	ng		99
9) Benzaldehyde	7.087	77	40540	15.436	ng		95
10) Phenol	7.116	94	204122	44.105	ng		94
11) bis(2-Chloroethyl)ether	7.363	93	172602	44.083	ng		99
12) 1,3-Dichlorobenzene	7.798	146	188095	48.576	ng		97
13) 1,4-Dichlorobenzene	7.957	146	191947	48.980	ng		99
14) 1,2-Dichlorobenzene	8.269	146	182182	48.151	ng		97
15) Benzyl Alcohol	8.187	79	166686m	51.667	ng		
16) 2,2'-oxybis(1-Chloropr...	8.434	45	274733	44.093	ng		100
17) 2-Methylphenol	8.375	107	139850	42.676	ng		96
18) Hexachloroethane	8.981	117	76800	50.086	ng		93
19) n-Nitroso-di-n-propyla...	8.739	70	149420	46.351	ng		93
20) 3+4-Methylphenols	8.710	107	189622	43.280	ng		95
22) Acetophenone	8.775	105	265341	53.122	ng	#	97
24) Nitrobenzene	9.169	77	225162	53.808	ng		98
25) Isophorone	9.675	82	389655	51.818	ng		98
26) 2-Nitrophenol	9.869	139	90184	50.484	ng		97
27) 2,4-Dimethylphenol	9.910	122	133534m	46.419	ng		
28) bis(2-Chloroethoxy)met...	10.157	93	220928	48.767	ng		100
29) 2,4-Dichlorophenol	10.392	162	157504	55.334	ng		98
30) 1,2,4-Trichlorobenzene	10.592	180	173767	55.705	ng		99
31) Naphthalene	10.792	128	506062	49.457	ng		100
32) Benzoic acid	10.045	122	57065	26.412	ng		91
33) 4-Chloroaniline	10.939	127	52849	13.246	ng		97
34) Hexachlorobutadiene	11.016	225	113496	59.926	ng		99
35) Caprolactam	11.775	113	43824	43.820	ng		98
36) 4-Chloro-3-methylphenol	12.045	107	165573	51.112	ng		98
37) 2-Methylnaphthalene	12.398	142	335035	46.492	ng		97
38) 1-Methylnaphthalene	12.616	142	325542	47.994	ng		100
40) 1,2,4,5-Tetrachloroben...	12.751	216	195587	56.809	ng		99
41) Hexachlorocyclopentadiene	12.692	237	171413	82.817	ng		99
43) 2,4,6-Trichlorophenol	13.010	196	125988	57.133	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.086	196	138060	52.612	ng		97
46) 1,1'-Biphenyl	13.410	154	455739	51.733	ng		99
47) 2-Chloronaphthalene	13.457	162	346012	53.540	ng		99
48) 2-Nitroaniline	13.698	65	127686	48.895	ng		99
49) Acenaphthylene	14.304	152	571762	53.420	ng		99
50) Dimethylphthalate	14.039	163	428083	49.700	ng		99
51) 2,6-Dinitrotoluene	14.186	165	92148	51.909	ng		93
52) Acenaphthene	14.639	154	321660	49.518	ng		98
53) 3-Nitroaniline	14.527	138	59537	31.548	ng		96
54) 2,4-Dinitrophenol	14.733	184	46682	41.217	ng		94
55) Dibenzofuran	14.974	168	540594	51.186	ng		99
56) 4-Nitrophenol	14.827	139	137805	84.957	ng		88
57) 2,4-Dinitrotoluene	14.974	165	129495	48.126	ng		97
58) Fluorene	15.621	166	436572	51.090	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.192	232	120203	54.385	ng		98
60) Diethylphthalate	15.386	149	431500	49.448	ng		100
61) 4-Chlorophenyl-phenyle...	15.610	204	225581	52.253	ng		100
62) 4-Nitroaniline	15.692	138	79068	44.890	ng		89
63) Azobenzene	15.904	77	504859	52.501	ng		95
65) 4,6-Dinitro-2-methylph...	15.721	198	46932	32.183	ng		96
66) n-Nitrosodiphenylamine	15.839	169	357313	52.064	ng		98
67) 4-Bromophenyl-phenylether	16.510	248	132858	54.589	ng		98
68) Hexachlorobenzene	16.592	284	157217	58.391	ng		98
69) Atrazine	16.786	200	137832	69.505	ng		98
70) Pentachlorophenol	16.957	266	208965	105.566	ng		98
71) Phenanthrene	17.368	178	659376	51.839	ng		100
72) Anthracene	17.462	178	659111	52.316	ng		100
73) Carbazole	17.751	167	589865	57.552	ng		100
74) Di-n-butylphthalate	18.262	149	771915	53.631	ng		99
75) Fluoranthene	19.380	202	797495	53.375	ng		99
77) Benzidine	19.592	184	183279	76.962	ng		99
78) Pyrene	19.750	202	843191	49.461	ng		100
80) Butylbenzylphthalate	20.627	149	365899	50.253	ng		97
81) Benzo(a)anthracene	21.492	228	832488	52.703	ng		99
82) 3,3'-Dichlorobenzidine	21.433	252	234047	46.621	ng		98
83) Chrysene	21.544	228	774093	48.244	ng		100
84) Bis(2-ethylhexyl)phtha...	21.368	149	553081	50.262	ng		99
85) Di-n-octyl phthalate	22.297	149	928135	49.002	ng		99
87) Indeno(1,2,3-cd)pyrene	26.468	276	1017455	60.081	ng	#	94
88) Benzo(b)fluoranthene	23.180	252	847557	53.467	ng		99
89) Benzo(k)fluoranthene	23.233	252	792370	44.858	ng		98
90) Benzo(a)pyrene	23.821	252	737541	47.258	ng		98
91) Dibenzo(a,h)anthracene	26.479	278	848970	53.760	ng	#	95
92) Benzo(g,h,i)perylene	27.262	276	817086	54.744	ng	#	95

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

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