Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110223\
Data File : BM042560.D
Acq On : 02 Nov 2023 14:25
Operator : MA/JU
Sample : 05138-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
348MS

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

Quant Time: Nov 02 22:40:06 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	53513	20.000	ng		0.00
21) Naphthalene-d8	10.739	136	199722	20.000	ng		-0.01
39) Acenaphthene-d10	14.574	164	116148	20.000	ng		0.00
64) Phenanthrene-d10	17.327	188	247484	20.000	ng		0.00
76) Chrysene-d12	21.509	240	247037	20.000	ng		0.00
86) Perylene-d12	23.933	264	283428	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	483212	145.730	ng		0.00
7) Phenol-d6	7.093	99	587278	129.143	ng		0.00
23) Nitrobenzene-d5	9.122	82	460706	107.532	ng		-0.01
42) 2,4,6-Tribromophenol	16.068	330	265270	174.933	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	901321	104.420	ng		0.00
79) Terphenyl-d14	19.939	244	1577721	108.291	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	63333	40.079	ng	#	56
3) Pyridine	3.746	79	142025	31.331	ng		98
4) n-Nitrosodimethylamine	3.669	42	117560	53.890	ng		86
6) Aniline	7.263	93	154947	26.806	ng		97
8) 2-Chlorophenol	7.481	128	168118	47.021	ng		97
9) Benzaldehyde	7.087	77	42311	16.144	ng		96
10) Phenol	7.116	94	202566	43.860	ng		94
11) bis(2-Chloroethyl)ether	7.363	93	175046	44.801	ng		99
12) 1,3-Dichlorobenzene	7.798	146	187468	48.516	ng		97
13) 1,4-Dichlorobenzene	7.957	146	191294	48.916	ng		97
14) 1,2-Dichlorobenzene	8.269	146	181583	48.093	ng		98
15) Benzyl Alcohol	8.187	79	167819m	52.127	ng		
16) 2,2'-oxybis(1-Chloropr...	8.434	45	277454	44.623	ng		99
17) 2-Methylphenol	8.375	107	140730	43.034	ng		96
18) Hexachloroethane	8.981	117	77210	50.459	ng		95
19) n-Nitroso-di-n-propyla...	8.739	70	150109	46.662	ng		95
20) 3+4-Methylphenols	8.710	107	188662	43.151	ng		96
22) Acetophenone	8.775	105	265559	52.721	ng	#	97
24) Nitrobenzene	9.169	77	222091	52.630	ng		99
25) Isophorone	9.675	82	398170	52.507	ng		97
26) 2-Nitrophenol	9.869	139	88220	49.076	ng		94
27) 2,4-Dimethylphenol	9.910	122	130064m	44.834	ng		
28) bis(2-Chloroethoxy)met...	10.163	93	222385	48.677	ng		99
29) 2,4-Dichlorophenol	10.392	162	157349	54.817	ng		99
30) 1,2,4-Trichlorobenzene	10.592	180	173609	55.188	ng		97
31) Naphthalene	10.792	128	504518	48.893	ng		99
32) Benzoic acid	10.045	122	55309	25.544	ng		91
33) 4-Chloroaniline	10.933	127	53104	13.199	ng		97
34) Hexachlorobutadiene	11.016	225	111124	58.182	ng		100
35) Caprolactam	11.775	113	44228	43.854	ng		96
36) 4-Chloro-3-methylphenol	12.045	107	167035	51.132	ng		98
37) 2-Methylnaphthalene	12.398	142	334250	45.995	ng		97
38) 1-Methylnaphthalene	12.616	142	326941	47.797	ng		100
40) 1,2,4,5-Tetrachloroben...	12.751	216	193752	55.838	ng		99
41) Hexachlorocyclopentadiene	12.692	237	175621	84.089	ng		99
43) 2,4,6-Trichlorophenol	13.010	196	126151	56.762	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.086	196	138719	52.452	ng		97
46) 1,1'-Biphenyl	13.410	154	453633	51.093	ng		99
47) 2-Chloronaphthalene	13.457	162	348258	53.468	ng		99
48) 2-Nitroaniline	13.698	65	129419	49.149	ng		98
49) Acenaphthylene	14.304	152	576156	53.411	ng		99
50) Dimethylphthalate	14.039	163	434749	50.081	ng		99
51) 2,6-Dinitrotoluene	14.192	165	92050	51.450	ng		99
52) Acenaphthene	14.639	154	321492	49.107	ng		99
53) 3-Nitroaniline	14.527	138	58832	31.016	ng		99
54) 2,4-Dinitrophenol	14.739	184	51350	44.278	ng		98
55) Dibenzofuran	14.974	168	543723	51.081	ng		98
56) 4-Nitrophenol	14.827	139	142445	86.955	ng		86
57) 2,4-Dinitrotoluene	14.974	165	131051	48.309	ng		97
58) Fluorene	15.621	166	443425	51.488	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	121973	54.756	ng		97
60) Diethylphthalate	15.386	149	439613	49.986	ng		99
61) 4-Chlorophenyl-phenyle...	15.610	204	229030	52.639	ng		99
62) 4-Nitroaniline	15.692	138	79565	44.830	ng		86
63) Azobenzene	15.904	77	513335	52.967	ng		95
65) 4,6-Dinitro-2-methylph...	15.721	198	49642	33.244	ng		92
66) n-Nitrosodiphenylamine	15.839	169	366095	52.463	ng		98
67) 4-Bromophenyl-phenylether	16.510	248	135276	54.664	ng		97
68) Hexachlorobenzene	16.592	284	160429	58.599	ng		98
69) Atrazine	16.786	200	136790	67.840	ng		100
70) Pentachlorophenol	16.962	266	212497	105.578	ng		100
71) Phenanthrene	17.368	178	663911	51.333	ng		99
72) Anthracene	17.462	178	673679	52.589	ng		100
73) Carbazole	17.751	167	588286	56.450	ng		100
74) Di-n-butylphthalate	18.268	149	793656	54.231	ng		99
75) Fluoranthene	19.380	202	802113	52.797	ng		99
77) Benzidine	19.592	184	180129	76.015	ng		99
78) Pyrene	19.751	202	853448	50.312	ng		99
80) Butylbenzylphthalate	20.627	149	369801	51.042	ng		97
81) Benzo(a)anthracene	21.492	228	824392	52.450	ng		100
82) 3,3'-Dichlorobenzidine	21.433	252	227937	45.630	ng		98
83) Chrysene	21.545	228	770816	48.279	ng		99
84) Bis(2-ethylhexyl)phtha...	21.368	149	553806	50.578	ng		100
85) Di-n-octyl phthalate	22.297	149	925008	49.080	ng		99
87) Indeno(1,2,3-cd)pyrene	26.468	276	1024010	60.704	ng		94
88) Benzo(b)fluoranthene	23.186	252	834194	52.829	ng		99
89) Benzo(k)fluoranthene	23.233	252	808687	45.960	ng		98
90) Benzo(a)pyrene	23.821	252	730186	46.969	ng	#	98
91) Dibenzo(a,h)anthracene	26.485	278	847081	53.843	ng	#	96
92) Benzo(g,h,i)perylene	27.268	276	814563	54.788	ng		96

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

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