Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072823\
Data File : BM041175.D
Acq On : 28 Jul 2023 21:00
Operator : MA/JU
Sample : 03645-10MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-04-(1-5)MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

Quant Time: Jul 29 01:19:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 29 00:19:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	193205	20.000	ng		0.00
21) Naphthalene-d8	10.610	136	741556	20.000	ng		0.00
39) Acenaphthene-d10	14.468	164	413329	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	855318	20.000	ng		0.00
76) Chrysene-d12	21.427	240	829098	20.000	ng		0.00
86) Perylene-d12	23.797	264	953040	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1274916	98.624	ng		0.00
7) Phenol-d6	6.987	99	1699807	101.442	ng		0.00
23) Nitrobenzene-d5	8.981	82	1038401	65.120	ng		0.00
42) 2,4,6-Tribromophenol	15.968	330	619684	105.996	ng		0.00
45) 2-Fluorobiphenyl	13.086	172	2138068	65.345	ng		0.00
79) Terphenyl-d14	19.862	244	3259782	71.088	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.269	88	199360	36.050	ng		99
3) Pyridine	3.675	79	510111m	35.082	ng		
4) n-Nitrosodimethylamine	3.587	42	287422	42.740	ng		96
6) Aniline	7.140	93	791045	40.339	ng		99
8) 2-Chlorophenol	7.369	128	596694	47.282	ng		100
9) Benzaldehyde	6.951	77	403911m	45.682	ng		
10) Phenol	7.010	94	782933	48.377	ng		99
11) bis(2-Chloroethyl)ether	7.240	93	597034	45.574	ng		98
12) 1,3-Dichlorobenzene	7.692	146	638108	46.452	ng		99
13) 1,4-Dichlorobenzene	7.839	146	650972	47.147	ng		99
14) 1,2-Dichlorobenzene	8.157	146	617270	46.626	ng		99
15) Benzyl Alcohol	8.057	79	540064	51.036	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.345	45	790938	45.314	ng		99
17) 2-Methylphenol	8.263	107	502632	45.459	ng		100
18) Hexachloroethane	8.875	117	243124	47.297	ng		97
19) n-Nitroso-di-n-propyla...	8.628	70	468968	46.078	ng		99
20) 3+4-Methylphenols	8.592	107	685703	46.383	ng		99
22) Acetophenone	8.645	105	885028	45.063	ng	#	100
24) Nitrobenzene	9.022	77	698142	43.294	ng		99
25) Isophorone	9.551	82	1253446	46.307	ng		100
26) 2-Nitrophenol	9.733	139	306987	48.698	ng		97
27) 2,4-Dimethylphenol	9.798	122	513169	46.261	ng		100
28) bis(2-Chloroethoxy)met...	10.033	93	759574	44.798	ng		99
29) 2,4-Dichlorophenol	10.269	162	543659	48.599	ng		99
30) 1,2,4-Trichlorobenzene	10.475	180	564872	45.704	ng		98
31) Naphthalene	10.663	128	1762958	43.810	ng		100
32) Benzoic acid	9.957	122	402637	48.279	ng		98
33) 4-Chloroaniline	10.792	127	635498	39.517	ng		99
34) Hexachlorobutadiene	10.933	225	332959	44.793	ng		98
35) Caprolactam	11.610	113	162409m	50.187	ng		
36) 4-Chloro-3-methylphenol	11.922	107	569391	48.360	ng		99
37) 2-Methylnaphthalene	12.280	142	1198580	44.180	ng		99
38) 1-Methylnaphthalene	12.504	142	1119548	44.091	ng		99
40) 1,2,4,5-Tetrachloroben...	12.651	216	612424	45.631	ng		99
41) Hexachlorocyclopentadiene	12.616	237	668146	94.099	ng		99
43) 2,4,6-Trichlorophenol	12.898	196	413685	48.090	ng		99

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44) 2,4,5-Trichlorophenol	12.974	196	450192	45.216	ng	98
46) 1,1'-Biphenyl	13.298	154	1514855	45.209	ng	99
47) 2-Chloronaphthalene	13.339	162	1166928	46.641	ng	99
48) 2-Nitroaniline	13.563	65	388233	48.613	ng	98
49) Acenaphthylene	14.192	152	1840084	45.565	ng	99
50) Dimethylphthalate	13.939	163	1533280	49.315	ng	99
51) 2,6-Dinitrotoluene	14.069	165	304357	47.245	ng	97
52) Acenaphthene	14.533	154	1110294	45.638	ng	100
53) 3-Nitroaniline	14.398	138	314313	42.477	ng	95
54) 2,4-Dinitrophenol	14.610	184	345457	79.452	ng	93
55) Dibenzofuran	14.868	168	1778602	44.810	ng	99
56) 4-Nitrophenol	14.716	139	607199	113.093	ng	97
57) 2,4-Dinitrotoluene	14.857	165	414348	45.204	ng	94
58) Fluorene	15.521	166	1440311	45.997	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.104	232	387121	48.015	ng	100
60) Diethylphthalate	15.304	149	1402492	46.646	ng	99
61) 4-Chlorophenyl-phenyle...	15.521	204	719755	45.870	ng	98
62) 4-Nitroaniline	15.568	138	295630	43.456	ng	99
63) Azobenzene	15.815	77	1514567	45.987	ng	97
65) 4,6-Dinitro-2-methylph...	15.621	198	211385	40.796	ng	99
66) n-Nitrosodiphenylamine	15.739	169	1188488	44.678	ng	100
67) 4-Bromophenyl-phenylether	16.415	248	429722	45.823	ng	98
68) Hexachlorobenzene	16.527	284	505627	48.488	ng	97
69) Atrazine	16.704	200	412722	59.080	ng	99
70) Pentachlorophenol	16.880	266	667200	92.400	ng	99
71) Phenanthrene	17.268	178	2295408	48.302	ng	99
72) Anthracene	17.362	178	2186590	46.523	ng	100
73) Carbazole	17.645	167	2043515	48.038	ng	100
74) Di-n-butylphthalate	18.204	149	2458744	51.149	ng	100
75) Fluoranthene	19.292	202	2802690	52.495	ng	99
77) Benzidine	19.498	184	804544	71.195	ng	99
78) Pyrene	19.656	202	2875871	49.601	ng	99
80) Butylbenzylphthalate	20.562	149	1119340	52.866	ng	98
81) Benzo(a)anthracene	21.415	228	2762190	49.144	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	999663	54.505	ng	100
83) Chrysene	21.468	228	2532609	46.585	ng	100
84) Bis(2-ethylhexyl)phtha...	21.339	149	1682333	49.926	ng	98
85) Di-n-octyl phthalate	22.256	149	2864753	53.535	ng	98
87) Indeno(1,2,3-cd)pyrene	26.256	276	3361398	47.973	ng	99
88) Benzo(b)fluoranthene	23.080	252	2922970	51.628	ng	99
89) Benzo(k)fluoranthene	23.127	252	2702511	46.665	ng	99
90) Benzo(a)pyrene	23.697	252	2472993	45.459	ng	99
91) Dibenzo(a,h)anthracene	26.262	278	2737288	46.837	ng	99
92) Benzo(g,h,i)perylene	27.003	276	2681210	46.886	ng	99

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

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