Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021723\
Data File : BP013851.D
Acq On : 17 Feb 2023 18:32
Operator : CG/JU
Sample : 01581-04MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-CMSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2023
Supervised By :Jagrut Upadhyay 02/20/2023

Quant Time: Feb 17 22:06:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 18:05:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.110	152	130426	20.000	ng		0.00
21) Naphthalene-d8	10.934	136	518434	20.000	ng		0.00
39) Acenaphthene-d10	14.745	164	349545	20.000	ng		0.00
64) Phenanthrene-d10	17.498	188	814933	20.000	ng		0.00
76) Chrysene-d12	21.580	240	850273	20.000	ng		0.00
86) Perylene-d12	24.133	264	949136	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.646	112	903797	114.207	ng		0.00
7) Phenol-d6	7.257	99	1166728	115.116	ng		0.00
23) Nitrobenzene-d5	9.281	82	720588	75.056	ng		0.00
42) 2,4,6-Tribromophenol	16.233	330	568434	111.716	ng		0.00
45) 2-Fluorobiphenyl	13.369	172	1595960	59.971	ng		0.00
79) Terphenyl-d14	20.033	244	3118365	70.562	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.493	88	146224	42.511	ng		99
3) Pyridine	3.910	79	397895	42.911	ng		99
4) n-Nitrosodimethylamine	3.816	42	174439	50.199	ng		96
6) Aniline	7.428	93	523364	39.742	ng		100
8) 2-Chlorophenol	7.669	128	434389	52.039	ng		99
9) Benzaldehyde	7.240	77	237481	49.250	ng		97
10) Phenol	7.287	94	553821	52.497	ng		97
11) bis(2-Chloroethyl)ether	7.522	93	417479	49.448	ng		97
12) 1,3-Dichlorobenzene	7.993	146	474424	50.546	ng		98
13) 1,4-Dichlorobenzene	8.146	146	483864	51.035	ng		98
14) 1,2-Dichlorobenzene	8.463	146	443253	50.083	ng		98
15) Benzyl Alcohol	8.346	79	377360m	53.068	ng		
16) 2,2'-oxybis(1-Chloropr...	8.634	45	456085m	50.572	ng		
17) 2-Methylphenol	8.551	107	360820	50.260	ng		99
18) Hexachloroethane	9.198	117	171227	51.558	ng		99
19) n-Nitroso-di-n-propyla...	8.922	70	316504	53.356	ng		97
20) 3+4-Methylphenols	8.875	107	498935	51.637	ng		99
22) Acetophenone	8.940	105	651750	49.842	ng	#	99
24) Nitrobenzene	9.322	77	485630	48.472	ng		99
25) Isophorone	9.851	82	854417	46.182	ng		99
26) 2-Nitrophenol	10.040	139	222902	47.259	ng		96
27) 2,4-Dimethylphenol	10.092	122	390433	50.461	ng		100
28) bis(2-Chloroethoxy)met...	10.334	93	527917	44.699	ng		99
29) 2,4-Dichlorophenol	10.575	162	435153	52.420	ng		98
30) 1,2,4-Trichlorobenzene	10.792	180	469935	48.242	ng		100
31) Naphthalene	10.987	128	1320771	46.467	ng		100
32) Benzoic acid	10.222	122	272163	44.968	ng		95
33) 4-Chloroaniline	11.092	127	275013	23.042	ng		98
34) Hexachlorobutadiene	11.263	225	313614	48.446	ng		97
35) Caprolactam	11.881	113	130868	49.377	ng		99
36) 4-Chloro-3-methylphenol	12.198	107	465089	50.279	ng		97
37) 2-Methylnaphthalene	12.581	142	940798	45.725	ng		99
38) 1-Methylnaphthalene	12.798	142	880629	45.732	ng		99
40) 1,2,4,5-Tetrachloroben...	12.945	216	568398	45.089	ng		99
41) Hexachlorocyclopentadiene	12.922	237	708856	105.863	ng		98
43) 2,4,6-Trichlorophenol	13.181	196	347852	44.110	ng		92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.251	196	373701	39.872	ng	98
46) 1,1'-Biphenyl	13.581	154	1172518	41.502	ng	98
47) 2-Chloronaphthalene	13.628	162	960467	44.623	ng	100
48) 2-Nitroaniline	13.828	65	256910	42.426	ng	98
49) Acenaphthylene	14.469	152	1541637	45.437	ng	99
50) Dimethylphthalate	14.198	163	1245052	43.773	ng	100
51) 2,6-Dinitrotoluene	14.316	165	270292	43.654	ng	99
52) Acenaphthene	14.810	154	956321	46.319	ng	98
53) 3-Nitroaniline	14.645	138	191062	30.299	ng	99
54) 2,4-Dinitrophenol	14.851	184	326068	79.769	ng	99
55) Dibenzofuran	15.139	168	1576274	45.884	ng	99
56) 4-Nitrophenol	14.951	139	511615	100.627	ng	96
57) 2,4-Dinitrotoluene	15.104	165	394249	47.153	ng	99
58) Fluorene	15.792	166	1234932	45.846	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.363	232	398896	49.438	ng	100
60) Diethylphthalate	15.557	149	1303544	46.998	ng	99
61) 4-Chlorophenyl-phenyle...	15.780	204	661283	45.310	ng	99
62) 4-Nitroaniline	15.810	138	283612	42.891	ng	95
63) Azobenzene	16.075	77	1189311	47.395	ng	99
65) 4,6-Dinitro-2-methylph...	15.863	198	231951	41.094	ng	98
66) n-Nitrosodiphenylamine	15.998	169	1078891	43.708	ng	100
67) 4-Bromophenyl-phenylether	16.680	248	441108	45.859	ng	98
68) Hexachlorobenzene	16.798	284	513789	48.933	ng	98
69) Atrazine	16.945	200	441383	52.446	ng	100
70) Pentachlorophenol	17.145	266	677111	87.469	ng	99
71) Phenanthrene	17.545	178	2121235	46.463	ng	100
72) Anthracene	17.633	178	2127435	46.604	ng	100
73) Carbazole	17.898	167	1969201	47.916	ng	100
74) Di-n-butylphthalate	18.427	149	2376720	49.360	ng	100
75) Fluoranthene	19.492	202	2667353	46.867	ng	100
77) Benzidine	19.663	184	1656084	93.057	ng	99
78) Pyrene	19.845	202	2770147	47.675	ng	100
80) Butylbenzylphthalate	20.698	149	1051008	50.892	ng	98
81) Benzo(a)anthracene	21.562	228	2836412	46.585	ng	100
82) 3,3'-Dichlorobenzidine	21.486	252	618690	32.298	ng	100
83) Chrysene	21.615	228	2652514	44.970	ng	100
84) Bis(2-ethylhexyl)phtha...	21.457	149	1615228	50.166	ng	99
85) Di-n-octyl phthalate	22.433	149	2792119	48.666	ng	100
87) Indeno(1,2,3-cd)pyrene	26.833	276	3510826	47.550	ng	99
88) Benzo(b)fluoranthene	23.351	252	2999941	49.976	ng	99
89) Benzo(k)fluoranthene	23.404	252	2916967	47.871	ng	99
90) Benzo(a)pyrene	24.021	252	2617124	45.097	ng	99
91) Dibenzo(a,h)anthracene	26.850	278	2898409	46.853	ng	99
92) Benzo(g,h,i)perylene	27.668	276	2892382	47.284	ng	100

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

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