Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080922\
Data File : BM036181.D
Acq On : 09 Aug 2022 18:48
Operator : CG/JU
Sample : N4061-04MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP1-0804MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

Quant Time: Aug 10 03:36:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 08 23:36:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.845	152	224736	20.000	ng		0.00
21) Naphthalene-d8	10.651	136	879780	20.000	ng		0.00
39) Acenaphthene-d10	14.486	164	489121	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	931745	20.000	ng		0.00
76) Chrysene-d12	21.409	240	997117	20.000	ng		-0.01
86) Perylene-d12	23.762	264	1144494	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1924504	138.835	ng		0.00
7) Phenol-d6	7.057	99	2218868	125.799	ng		0.00
23) Nitrobenzene-d5	9.016	82	1519836	96.701	ng		0.00
42) 2,4,6-Tribromophenol	15.980	330	857488	149.439	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	3179274	95.970	ng		0.00
79) Terphenyl-d14	19.850	244	4573007	90.461	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	240377	43.034	ng	#	52
3) Pyridine	3.704	79	468325	31.267	ng		89
4) n-Nitrosodimethylamine	3.604	42	299478	48.655	ng	#	65
6) Aniline	7.181	93	421016	21.555	ng		95
8) 2-Chlorophenol	7.422	128	730650	49.437	ng		94
9) Benzaldehyde	6.987	77	361605	38.725	ng		93
10) Phenol	7.081	94	790672	44.520	ng		92
11) bis(2-Chloroethyl)ether	7.275	93	717983	49.076	ng		94
12) 1,3-Dichlorobenzene	7.728	146	797496	48.694	ng		98
13) 1,4-Dichlorobenzene	7.881	146	818666	49.016	ng		99
14) 1,2-Dichlorobenzene	8.192	146	788775	48.945	ng		99
15) Benzyl Alcohol	8.104	79	592346m	50.045	ng		
16) 2,2'-oxybis(1-Chloropr...	8.381	45	910040	46.780	ng		97
17) 2-Methylphenol	8.322	107	567955	48.311	ng		95
18) Hexachloroethane	8.916	117	285616	47.504	ng		96
19) n-Nitroso-di-n-propyla...	8.663	70	498922	46.568	ng	#	87
20) 3+4-Methylphenols	8.657	107	745661	46.685	ng		92
22) Acetophenone	8.675	105	1062184	51.003	ng	#	93
24) Nitrobenzene	9.057	77	773158	52.328	ng		96
25) Isophorone	9.586	82	1365851	53.420	ng		98
26) 2-Nitrophenol	9.769	139	382817	54.932	ng		90
27) 2,4-Dimethylphenol	9.851	122	615989	57.060	ng		97
28) bis(2-Chloroethoxy)met...	10.069	93	853573	46.859	ng		99
29) 2,4-Dichlorophenol	10.316	162	625671	51.537	ng		99
30) 1,2,4-Trichlorobenzene	10.510	180	668427	48.585	ng		97
31) Naphthalene	10.698	128	2192926	50.135	ng		99
32) Benzoic acid	10.022	122	431841	50.463	ng		94
33) 4-Chloroaniline	10.828	127	276712	15.697	ng		97
34) Hexachlorobutadiene	10.975	225	394086	48.747	ng		99
35) Caprolactam	11.633	113	162083	43.344	ng		92
36) 4-Chloro-3-methylphenol	11.975	107	631163	49.462	ng		100
37) 2-Methylnaphthalene	12.310	142	1445728	49.669	ng		98
38) 1-Methylnaphthalene	12.527	142	1375599	48.259	ng		98
40) 1,2,4,5-Tetrachloroben...	12.674	216	693194	52.275	ng		99
41) Hexachlorocyclopentadiene	12.651	237	550024	78.315	ng		99
43) 2,4,6-Trichlorophenol	12.933	196	464971	51.530	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	501593	52.660	ng		97
46) 1,1'-Biphenyl	13.321	154	1826140	51.230	ng		99
47) 2-Chloronaphthalene	13.363	162	1405550	51.520	ng		98
48) 2-Nitroaniline	13.586	65	409790	55.117	ng		90
49) Acenaphthylene	14.210	152	2216195	52.551	ng		100
50) Dimethylphthalate	13.957	163	1621766	48.757	ng		99
51) 2,6-Dinitrotoluene	14.074	165	358635	53.738	ng		93
52) Acenaphthene	14.551	154	1478371m	53.590	ng		
53) 3-Nitroaniline	14.416	138	229412	29.464	ng		93
54) 2,4-Dinitrophenol	14.616	184	269636	76.350	ng		89
55) Dibenzofuran	14.886	168	2046732	49.544	ng		97
56) 4-Nitrophenol	14.757	139	628914	100.933	ng		86
57) 2,4-Dinitrotoluene	14.863	165	489394	55.947	ng		98
58) Fluorene	15.533	166	1636308	50.214	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.121	232	398376	49.373	ng		96
60) Diethylphthalate	15.310	149	1623454	47.495	ng		100
61) 4-Chlorophenyl-phenyle...	15.527	204	765425	47.106	ng		99
62) 4-Nitroaniline	15.574	138	382276m	47.724	ng		
63) Azobenzene	15.821	77	1551154	47.735	ng		94
65) 4,6-Dinitro-2-methylph...	15.621	198	178301	37.426	ng		93
66) n-Nitrosodiphenylamine	15.751	169	1369449	52.065	ng		98
67) 4-Bromophenyl-phenylether	16.421	248	466484	50.053	ng		95
68) Hexachlorobenzene	16.527	284	552959	51.710	ng		95
69) Atrazine	16.704	200	466744	63.417	ng		99
70) Pentachlorophenol	16.886	266	670868	107.119	ng		98
71) Phenanthrene	17.268	178	2423283	51.050	ng		99
72) Anthracene	17.362	178	2488240	54.143	ng		99
73) Carbazole	17.645	167	2370684	50.912	ng		99
74) Di-n-butylphthalate	18.198	149	2791323	50.216	ng		99
75) Fluoranthene	19.286	202	2822811	53.124	ng		99
77) Benzidine	19.480	184	905127	60.528	ng		99
78) Pyrene	19.650	202	2988332	48.331	ng		99
80) Butylbenzylphthalate	20.550	149	1324219	49.621	ng		96
81) Benzo(a)anthracene	21.392	228	3149055	51.274	ng		99
82) 3,3'-Dichlorobenzidine	21.333	252	1154531	77.418	ng		100
83) Chrysene	21.444	228	2931103	50.206	ng		100
84) Bis(2-ethylhexyl)phtha...	21.321	149	1934510	48.050	ng		99
85) Di-n-octyl phthalate	22.233	149	3418454	52.026	ng	#	94
87) Indeno(1,2,3-cd)pyrene	26.221	276	4088635	50.835	ng		99
88) Benzo(b)fluoranthene	23.050	252	3532646	52.683	ng		99
89) Benzo(k)fluoranthene	23.097	252	3321859	49.049	ng		99
90) Benzo(a)pyrene	23.662	252	3105105	55.191	ng		98
91) Dibenzo(a,h)anthracene	26.238	278	3607099	53.579	ng		99
92) Benzo(g,h,i)perylene	26.974	276	3543249	54.365	ng		99

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

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