Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080922\
Data File : BM036182.D
Acq On : 09 Aug 2022 19:25
Operator : CG/JU
Sample : N4061-04MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP1-0804MSD

Manual Integrations APPROVED

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

Quant Time: Aug 10 03:37:45 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	7.840	152	232699	20.000	ng		0.00
21) Naphthalene-d8	10.651	136	890656	20.000	ng		0.00
39) Acenaphthene-d10	14.486	164	489000	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	928342	20.000	ng		0.00
76) Chrysene-d12	21.409	240	994030	20.000	ng		-0.01
86) Perylene-d12	23.768	264	1133004	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1978113	137.819	ng		0.00
7) Phenol-d6	7.057	99	2250538	123.229	ng		0.00
23) Nitrobenzene-d5	9.016	82	1545896	97.158	ng		0.00
42) 2,4,6-Tribromophenol	15.980	330	852374	148.585	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	3215810	97.097	ng		0.00
79) Terphenyl-d14	19.856	244	4505099	89.394	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	243284	42.064	ng	#	51
3) Pyridine	3.704	79	479342	30.907	ng		87
4) n-Nitrosodimethylamine	3.604	42	310809	48.768	ng	#	68
6) Aniline	7.181	93	432672	21.394	ng		95
8) 2-Chlorophenol	7.422	128	744036	48.620	ng		94
9) Benzaldehyde	6.987	77	369006	38.165	ng		95
10) Phenol	7.081	94	805293	43.792	ng		91
11) bis(2-Chloroethyl)ether	7.275	93	736788	48.638	ng		94
12) 1,3-Dichlorobenzene	7.728	146	819491	48.325	ng		98
13) 1,4-Dichlorobenzene	7.881	146	837929	48.453	ng		98
14) 1,2-Dichlorobenzene	8.192	146	806301	48.320	ng		99
15) Benzyl Alcohol	8.104	79	609294m	49.716	ng		
16) 2,2'-oxybis(1-Chloropr...	8.381	45	927406	46.041	ng		97
17) 2-Methylphenol	8.322	107	578637	47.535	ng		96
18) Hexachloroethane	8.916	117	291426	46.812	ng		95
19) n-Nitroso-di-n-propyla...	8.663	70	503218	45.362	ng		89
20) 3+4-Methylphenols	8.651	107	754579	45.627	ng		97
22) Acetophenone	8.681	105	1082821	51.359	ng	#	91
24) Nitrobenzene	9.057	77	786211	52.561	ng		97
25) Isophorone	9.586	82	1385505	53.527	ng		98
26) 2-Nitrophenol	9.769	139	391659	55.514	ng		92
27) 2,4-Dimethylphenol	9.845	122	627665	57.431	ng		99
28) bis(2-Chloroethoxy)met...	10.069	93	866391	46.982	ng		99
29) 2,4-Dichlorophenol	10.316	162	630487	51.299	ng		100
30) 1,2,4-Trichlorobenzene	10.510	180	673035	48.323	ng		99
31) Naphthalene	10.698	128	2236681	50.511	ng		100
32) Benzoic acid	10.022	122	426404	49.219	ng		95
33) 4-Chloroaniline	10.828	127	317757	17.806	ng		95
34) Hexachlorobutadiene	10.975	225	401140	49.013	ng		99
35) Caprolactam	11.633	113	160356	42.359	ng		93
36) 4-Chloro-3-methylphenol	11.975	107	636616	49.280	ng		98
37) 2-Methylnaphthalene	12.310	142	1467914	49.816	ng		96
38) 1-Methylnaphthalene	12.527	142	1390347	48.181	ng		97
40) 1,2,4,5-Tetrachloroben...	12.674	216	698840	52.713	ng		99
41) Hexachlorocyclopentadiene	12.651	237	569193	81.065	ng		98
43) 2,4,6-Trichlorophenol	12.933	196	468408	51.924	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	495530	52.036	ng		98
46) 1,1'-Biphenyl	13.322	154	1843845	51.740	ng		99
47) 2-Chloronaphthalene	13.363	162	1408277	51.632	ng		98
48) 2-Nitroaniline	13.586	65	410494	55.225	ng		87
49) Acenaphthylene	14.210	152	2215727	52.553	ng		100
50) Dimethylphthalate	13.957	163	1617789	48.650	ng		99
51) 2,6-Dinitrotoluene	14.074	165	359141	53.828	ng		92
52) Acenaphthene	14.551	154	1479330m	53.638	ng		
53) 3-Nitroaniline	14.410	138	231756	29.772	ng		95
54) 2,4-Dinitrophenol	14.616	184	257966	73.063	ng		91
55) Dibenzofuran	14.886	168	2041992	49.442	ng		98
56) 4-Nitrophenol	14.757	139	620514	99.610	ng		87
57) 2,4-Dinitrotoluene	14.863	165	482101	55.127	ng		99
58) Fluorene	15.533	166	1629294	50.011	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.121	232	399719	49.552	ng		96
60) Diethylphthalate	15.315	149	1614063	47.231	ng		99
61) 4-Chlorophenyl-phenyle...	15.527	204	765645	47.131	ng		97
62) 4-Nitroaniline	15.574	138	380534m	47.518	ng		
63) Azobenzene	15.821	77	1530850	47.122	ng		94
65) 4,6-Dinitro-2-methylph...	15.621	198	175330	36.937	ng		94
66) n-Nitrosodiphenylamine	15.751	169	1370017	52.277	ng		100
67) 4-Bromophenyl-phenylether	16.421	248	458508	49.377	ng		97
68) Hexachlorobenzene	16.527	284	548161	51.449	ng		95
69) Atrazine	16.704	200	462225	63.033	ng		98
70) Pentachlorophenol	16.886	266	663756	106.372	ng		99
71) Phenanthrene	17.274	178	2408976	50.934	ng		99
72) Anthracene	17.362	178	2457060	53.661	ng		99
73) Carbazole	17.645	167	2350171	50.656	ng		98
74) Di-n-butylphthalate	18.198	149	2716767	49.054	ng		99
75) Fluoranthene	19.286	202	2782452	52.557	ng		98
77) Benzidine	19.480	184	946204	63.472	ng		99
78) Pyrene	19.651	202	2939109	47.682	ng		99
80) Butylbenzylphthalate	20.550	149	1294734	48.667	ng		96
81) Benzo(a)anthracene	21.397	228	3117931	50.925	ng		99
82) 3,3'-Dichlorobenzidine	21.333	252	1153285	77.575	ng		100
83) Chrysene	21.450	228	2924435	50.247	ng		100
84) Bis(2-ethylhexyl)phtha...	21.327	149	1868575	46.556	ng	#	98
85) Di-n-octyl phthalate	22.233	149	3367208	51.406	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.221	276	4038630	50.723	ng		99
88) Benzo(b)fluoranthene	23.050	252	3447648	51.937	ng		99
89) Benzo(k)fluoranthene	23.097	252	3378530	50.391	ng		99
90) Benzo(a)pyrene	23.662	252	3093193	55.537	ng		98
91) Dibenzo(a,h)anthracene	26.238	278	3558194	53.388	ng		99
92) Benzo(g,h,i)perylene	26.979	276	3499899	54.244	ng		99

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

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