Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
Data File : BM039379.D
Acq On : 10 Apr 2023 16:04
Operator : CG/JU
Sample : 02260-10MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-1DMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

Quant Time: Apr 11 02:11:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 11 02:05:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	258693	20.000	ng		0.00
21) Naphthalene-d8	10.680	136	1066081	20.000	ng		0.00
39) Acenaphthene-d10	14.521	164	608458	20.000	ng		0.00
64) Phenanthrene-d10	17.274	188	1085730	20.000	ng		0.00
76) Chrysene-d12	21.462	240	699532	20.000	ng		0.00
86) Perylene-d12	23.844	264	764776	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1747225	101.757	ng		0.00
7) Phenol-d6	7.045	99	2401925	108.152	ng		0.00
23) Nitrobenzene-d5	9.039	82	1292747	58.936	ng		0.00
42) 2,4,6-Tribromophenol	16.015	330	675376	87.441	ng		0.00
45) 2-Fluorobiphenyl	13.145	172	2672627	59.514	ng		0.00
79) Terphenyl-d14	19.898	244	2663432	70.345	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	325965	46.444	ng		97
3) Pyridine	3.699	79	827897	42.107	ng		98
4) n-Nitrosodimethylamine	3.610	42	395798	51.257	ng		94
6) Aniline	7.198	93	1112593	40.476	ng		98
8) 2-Chlorophenol	7.434	128	934615	53.181	ng		97
9) Benzaldehyde	7.004	77	474917	37.550	ng		96
10) Phenol	7.075	94	1233055	55.402	ng		100
11) bis(2-Chloroethyl)ether	7.298	93	931041	51.999	ng		99
12) 1,3-Dichlorobenzene	7.757	146	946901	50.805	ng		99
13) 1,4-Dichlorobenzene	7.904	146	952207	50.527	ng		98
14) 1,2-Dichlorobenzene	8.222	146	922231	51.177	ng		100
15) Benzyl Alcohol	8.122	79	806702	52.811	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.410	45	1256807m	54.879	ng		
17) 2-Methylphenol	8.328	107	782475	50.251	ng		99
18) Hexachloroethane	8.945	117	366283	50.246	ng		98
19) n-Nitroso-di-n-propyla...	8.686	70	730945	51.486	ng		96
20) 3+4-Methylphenols	8.657	107	1064108	50.856	ng		98
22) Acetophenone	8.704	105	1390731	48.790	ng	#	98
24) Nitrobenzene	9.086	77	1039262	47.634	ng		99
25) Isophorone	9.616	82	1967044	48.070	ng		99
26) 2-Nitrophenol	9.798	139	478104	47.405	ng		99
27) 2,4-Dimethylphenol	9.863	122	851122	50.792	ng		100
28) bis(2-Chloroethoxy)met...	10.098	93	1211916	48.925	ng		99
29) 2,4-Dichlorophenol	10.333	162	839154	51.326	ng		98
30) 1,2,4-Trichlorobenzene	10.545	180	843914	48.248	ng		98
31) Naphthalene	10.727	128	2718716	47.328	ng		99
32) Benzoic acid	10.039	122	604107	46.254	ng		98
33) 4-Chloroaniline	10.851	127	388395	15.433	ng		98
34) Hexachlorobutadiene	11.010	225	490100	47.651	ng		99
35) Caprolactam	11.663	113	250419	44.112	ng		90
36) 4-Chloro-3-methylphenol	11.986	107	887958	49.225	ng		98
37) 2-Methylnaphthalene	12.345	142	1842334	46.070	ng		99
38) 1-Methylnaphthalene	12.563	142	1717614	45.871	ng		100
40) 1,2,4,5-Tetrachloroben...	12.716	216	924950	49.929	ng		99
41) Hexachlorocyclopentadiene	12.686	237	1203635	118.929	ng		98
43) 2,4,6-Trichlorophenol	12.957	196	627242	49.647	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.033	196	675904	45.635	ng	98
46) 1,1'-Biphenyl	13.357	154	2395086	49.847	ng	99
47) 2-Chloronaphthalene	13.398	162	1793143	49.288	ng	99
48) 2-Nitroaniline	13.616	65	555336	45.360	ng	99
49) Acenaphthylene	14.245	152	2824039	47.230	ng	99
50) Dimethylphthalate	13.992	163	2141552	45.670	ng	99
51) 2,6-Dinitrotoluene	14.110	165	465773	46.190	ng	95
52) Acenaphthene	14.586	154	1683517	47.682	ng	100
53) 3-Nitroaniline	14.445	138	282312	24.217	ng	97
54) 2,4-Dinitrophenol	14.651	184	536323	89.809	ng	98
55) Dibenzofuran	14.921	168	2629133	46.253	ng	99
56) 4-Nitrophenol	14.763	139	711826	79.186	ng	93
57) 2,4-Dinitrotoluene	14.898	165	607621	44.543	ng	91
58) Fluorene	15.574	166	2081063	46.234	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.151	232	554345	47.047	ng	100
60) Diethylphthalate	15.351	149	2097549	44.441	ng	100
61) 4-Chlorophenyl-phenyle...	15.568	204	1035273	46.409	ng	99
62) 4-Nitroaniline	15.610	138	401125	33.531	ng	97
63) Azobenzene	15.862	77	2339454	49.474	ng	98
65) 4,6-Dinitro-2-methylph...	15.662	198	340994	47.740	ng	98
66) n-Nitrosodiphenylamine	15.786	169	1741788	50.910	ng	99
67) 4-Bromophenyl-phenylether	16.462	248	585041	50.456	ng	98
68) Hexachlorobenzene	16.574	284	671977	53.449	ng	98
69) Atrazine	16.739	200	533991	49.279	ng	99
70) Pentachlorophenol	16.921	266	806189	89.378	ng	99
71) Phenanthrene	17.315	178	2899118	48.754	ng	100
72) Anthracene	17.404	178	2966713	48.929	ng	100
73) Carbazole	17.680	167	2520039	44.478	ng	99
74) Di-n-butylphthalate	18.245	149	3210241	45.805	ng	99
75) Fluoranthene	19.333	202	2867628	42.305	ng	100
77) Benzidine	19.527	184	1046453	56.715	ng	100
78) Pyrene	19.698	202	2932980	58.896	ng	100
80) Butylbenzylphthalate	20.592	149	1135713	49.781	ng	94
81) Benzo(a)anthracene	21.444	228	2354044	47.715	ng	100
82) 3,3'-Dichlorobenzidine	21.380	252	598126	36.394	ng	100
83) Chrysene	21.497	228	2314773	48.602	ng	100
84) Bis(2-ethylhexyl)phtha...	21.368	149	1566044	46.477	ng	99
85) Di-n-octyl phthalate	22.291	149	2562875	42.217	ng	98
87) Indeno(1,2,3-cd)pyrene	26.326	276	2933016	52.051	ng	100
88) Benzo(b)fluoranthene	23.121	252	2295050	49.045	ng	100
89) Benzo(k)fluoranthene	23.168	252	2350177	49.306	ng	98
90) Benzo(a)pyrene	23.744	252	2106133	45.815	ng	100
91) Dibenzo(a,h)anthracene	26.344	278	2448300	51.745	ng	100
92) Benzo(g,h,i)perylene	27.091	276	2518812	54.132	ng	99

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

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