Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033023\
Data File : BM039225.D
Acq On : 30 Mar 2023 14:09
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023

Quant Time: Mar 30 14:58:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 30 05:15:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	237798	20.000	ng		0.00
21) Naphthalene-d8	10.733	136	931561	20.000	ng		0.00
39) Acenaphthene-d10	14.568	164	540790	20.000	ng		0.00
64) Phenanthrene-d10	17.315	188	1100787	20.000	ng		0.00
76) Chrysene-d12	21.503	240	1030031	20.000	ng		0.00
86) Perylene-d12	23.915	264	1157776	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	1292987	81.919	ng		0.00
7) Phenol-d6	7.092	99	1645745	80.614	ng		0.00
23) Nitrobenzene-d5	9.092	82	1580453	82.457	ng		0.00
42) 2,4,6-Tribromophenol	16.062	330	564769	82.270	ng		0.00
45) 2-Fluorobiphenyl	13.198	172	3214786	80.544	ng		0.00
79) Terphenyl-d14	19.939	244	4518826	81.054	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.351	88	270864	41.984	ng		100
3) Pyridine	3.763	79	766179	42.392	ng		99
4) n-Nitrosodimethylamine	3.669	42	306388	43.164	ng		96
6) Aniline	7.251	93	1022977	40.486	ng		99
8) 2-Chlorophenol	7.487	128	646548	40.022	ng		98
9) Benzaldehyde	7.063	77	469294	40.365	ng		99
10) Phenol	7.116	94	832104	40.672	ng		100
11) bis(2-Chloroethyl)ether	7.345	93	668172	40.597	ng		100
12) 1,3-Dichlorobenzene	7.810	146	678496	39.603	ng		99
13) 1,4-Dichlorobenzene	7.957	146	685697	39.582	ng		99
14) 1,2-Dichlorobenzene	8.281	146	661538	39.936	ng		99
15) Benzyl Alcohol	8.169	79	565142	40.248	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.463	45	864248m	41.054	ng		
17) 2-Methylphenol	8.375	107	578060	40.385	ng		98
18) Hexachloroethane	9.004	117	269616	40.235	ng		98
19) n-Nitroso-di-n-propyla...	8.739	70	539532	41.343	ng		99
20) 3+4-Methylphenols	8.704	107	789977	41.072	ng		99
22) Acetophenone	8.757	105	1017236	40.841	ng	#	98
24) Nitrobenzene	9.133	77	789405	41.407	ng		99
25) Isophorone	9.663	82	1463663	40.934	ng		100
26) 2-Nitrophenol	9.851	139	356529	40.456	ng		97
27) 2,4-Dimethylphenol	9.910	122	592792	40.484	ng		99
28) bis(2-Chloroethoxy)met...	10.145	93	886587	40.960	ng		100
29) 2,4-Dichlorophenol	10.386	162	576886	40.380	ng		99
30) 1,2,4-Trichlorobenzene	10.598	180	605260	39.600	ng		98
31) Naphthalene	10.786	128	2011319	40.069	ng		100
32) Benzoic acid	10.057	122	443933	38.899	ng		99
33) 4-Chloroaniline	10.898	127	889527	40.450	ng		99
34) Hexachlorobutadiene	11.069	225	357343	39.761	ng		99
35) Caprolactam	11.698	113	196934	39.700	ng		99
36) 4-Chloro-3-methylphenol	12.027	107	632110	40.102	ng		98
37) 2-Methylnaphthalene	12.398	142	1374929	39.347	ng		99
38) 1-Methylnaphthalene	12.616	142	1288472	39.379	ng		99
40) 1,2,4,5-Tetrachloroben...	12.763	216	651287	39.556	ng		100
41) Hexachlorocyclopentadiene	12.739	237	369892	41.122	ng		99
43) 2,4,6-Trichlorophenol	13.004	196	450139	40.087	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	523853	39.795	ng	97
46) 1,1'-Biphenyl	13.404	154	1713335	40.120	ng	99
47) 2-Chloronaphthalene	13.451	162	1300892	40.232	ng	99
48) 2-Nitroaniline	13.657	65	443515	40.759	ng	99
49) Acenaphthylene	14.292	152	2135696	40.187	ng	100
50) Dimethylphthalate	14.033	163	1672803	40.137	ng	100
51) 2,6-Dinitrotoluene	14.151	165	363456	40.553	ng	95
52) Acenaphthene	14.633	154	1270113	40.475	ng	99
53) 3-Nitroaniline	14.480	138	419223	40.462	ng	95
54) 2,4-Dinitrophenol	14.692	184	214977	40.503	ng	97
55) Dibenzofuran	14.968	168	2032692	40.234	ng	98
56) 4-Nitrophenol	14.792	139	332436	41.608	ng	95
57) 2,4-Dinitrotoluene	14.939	165	499463	41.196	ng	94
58) Fluorene	15.621	166	1638149	40.948	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.198	232	425603	40.641	ng	99
60) Diethylphthalate	15.392	149	1691292	40.318	ng	99
61) 4-Chlorophenyl-phenyle...	15.610	204	810950	40.902	ng	97
62) 4-Nitroaniline	15.645	138	439333	41.320	ng	98
63) Azobenzene	15.904	77	1758556	41.842	ng	98
65) 4,6-Dinitro-2-methylph...	15.704	198	295796	40.845	ng	95
66) n-Nitrosodiphenylamine	15.827	169	1420052	40.938	ng	100
67) 4-Bromophenyl-phenylether	16.504	248	479059	40.751	ng	97
68) Hexachlorobenzene	16.621	284	513303	40.270	ng	97
69) Atrazine	16.780	200	439869	40.038	ng	99
70) Pentachlorophenol	16.968	266	386973	42.315	ng	99
71) Phenanthrene	17.362	178	2447634	40.599	ng	100
72) Anthracene	17.451	178	2526225	41.094	ng	100
73) Carbazole	17.727	167	2333059	40.615	ng	99
74) Di-n-butylphthalate	18.286	149	2886419	40.621	ng	100
75) Fluoranthene	19.374	202	2737522	39.834	ng	99
77) Benzidine	19.562	184	1081817	39.819	ng	99
78) Pyrene	19.739	202	2891061	39.427	ng	100
80) Butylbenzylphthalate	20.633	149	1319164	39.269	ng	95
81) Benzo(a)anthracene	21.486	228	2939738	40.468	ng	99
82) 3,3'-Dichlorobenzidine	21.421	252	969132	40.048	ng	99
83) Chrysene	21.539	228	2815077	40.142	ng	99
84) Bis(2-ethylhexyl)phtha...	21.409	149	1989029	40.090	ng	99
85) Di-n-octyl phthalate	22.338	149	3442315	38.509	ng	99
87) Indeno(1,2,3-cd)pyrene	26.432	276	3468902	40.665	ng	100
88) Benzo(b)fluoranthene	23.180	252	2829579	39.942	ng	100
89) Benzo(k)fluoranthene	23.233	252	2946769	40.837	ng	99
90) Benzo(a)pyrene	23.809	252	2807960	40.348	ng	100
91) Dibenzo(a,h)anthracene	26.444	278	2919246	40.755	ng	100
92) Benzo(g,h,i)perylene	27.203	276	2845261	40.391	ng	99

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

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