Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
Data File : BM039389.D
Acq On : 11 Apr 2023 11:40
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

Quant Time: Apr 12 01:35:26 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 16:05:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	210759	20.000	ng		0.00
21) Naphthalene-d8	10.675	136	833827	20.000	ng		0.00
39) Acenaphthene-d10	14.516	164	499386	20.000	ng		0.00
64) Phenanthrene-d10	17.268	188	1047107	20.000	ng		0.00
76) Chrysene-d12	21.462	240	1015304	20.000	ng		0.00
86) Perylene-d12	23.850	264	1208259	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1098125	78.499	ng		0.00
7) Phenol-d6	7.034	99	1469469	81.214	ng		0.00
23) Nitrobenzene-d5	9.034	82	1378738	80.364	ng		0.00
42) 2,4,6-Tribromophenol	16.015	330	524574	82.751	ng		0.00
45) 2-Fluorobiphenyl	13.139	172	2924221	79.339	ng		0.00
79) Terphenyl-d14	19.898	244	4230273	76.979	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	236487	41.359	ng		99
3) Pyridine	3.693	79	665040	41.517	ng		98
4) n-Nitrosodimethylamine	3.604	42	253333	40.269	ng		97
6) Aniline	7.192	93	912124	40.730	ng		100
8) 2-Chlorophenol	7.428	128	570166	39.822	ng		99
9) Benzaldehyde	7.004	77	345997	33.578	ng		99
10) Phenol	7.063	94	729971	40.258	ng		100
11) bis(2-Chloroethyl)ether	7.287	93	590363	40.471	ng		98
12) 1,3-Dichlorobenzene	7.745	146	601049	39.583	ng		100
13) 1,4-Dichlorobenzene	7.898	146	603619	39.314	ng		98
14) 1,2-Dichlorobenzene	8.216	146	581885	39.634	ng		99
15) Benzyl Alcohol	8.110	79	486445	39.088	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.404	45	790956m	42.392	ng		
17) 2-Methylphenol	8.316	107	513022	40.440	ng		99
18) Hexachloroethane	8.939	117	231551	38.988	ng		97
19) n-Nitroso-di-n-propyla...	8.681	70	477376	41.273	ng		99
20) 3+4-Methylphenols	8.651	107	699149	41.013	ng		99
22) Acetophenone	8.698	105	897949	40.277	ng	#	99
24) Nitrobenzene	9.075	77	689843	40.426	ng		100
25) Isophorone	9.604	82	1332346	41.628	ng		99
26) 2-Nitrophenol	9.792	139	311281	39.461	ng		98
27) 2,4-Dimethylphenol	9.857	122	521998	39.828	ng		98
28) bis(2-Chloroethoxy)met...	10.086	93	784207	40.476	ng		100
29) 2,4-Dichlorophenol	10.328	162	519430	40.619	ng		99
30) 1,2,4-Trichlorobenzene	10.533	180	543889	39.756	ng		99
31) Naphthalene	10.722	128	1800696	40.078	ng		100
32) Benzoic acid	10.016	122	402751	39.427	ng		99
33) 4-Chloroaniline	10.845	127	774423	39.343	ng		99
34) Hexachlorobutadiene	11.004	225	317989	39.529	ng		99
35) Caprolactam	11.651	113	190419	42.886	ng		94
36) 4-Chloro-3-methylphenol	11.975	107	585959	41.531	ng		97
37) 2-Methylnaphthalene	12.339	142	1272078	40.670	ng		100
38) 1-Methylnaphthalene	12.557	142	1198752	40.931	ng		99
40) 1,2,4,5-Tetrachloroben...	12.704	216	595009	39.134	ng		100
41) Hexachlorocyclopentadiene	12.680	237	300726	36.204	ng		98
43) 2,4,6-Trichlorophenol	12.951	196	413956	39.922	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.027	196	494655	40.692	ng	99
46) 1,1'-Biphenyl	13.351	154	1566467	39.722	ng	99
47) 2-Chloronaphthalene	13.392	162	1176808	39.412	ng	99
48) 2-Nitroaniline	13.610	65	391333	38.946	ng	98
49) Acenaphthylene	14.239	152	1981112	40.369	ng	99
50) Dimethylphthalate	13.980	163	1570922	40.818	ng	100
51) 2,6-Dinitrotoluene	14.104	165	344241	41.594	ng	96
52) Acenaphthene	14.586	154	1163430	40.149	ng	99
53) 3-Nitroaniline	14.439	138	361262	37.758	ng	99
54) 2,4-Dinitrophenol	14.651	184	190007	38.767	ng	93
55) Dibenzofuran	14.915	168	1862934	39.931	ng	99
56) 4-Nitrophenol	14.757	139	263661	35.737	ng	98
57) 2,4-Dinitrotoluene	14.892	165	466870	41.700	ng	91
58) Fluorene	15.568	166	1508927	40.845	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.151	232	400685	41.434	ng	99
60) Diethylphthalate	15.345	149	1599907	41.301	ng	99
61) 4-Chlorophenyl-phenyle...	15.563	204	736478	40.226	ng	100
62) 4-Nitroaniline	15.604	138	358735	36.537	ng	99
63) Azobenzene	15.857	77	1612063	41.537	ng	99
65) 4,6-Dinitro-2-methylph...	15.657	198	287476	41.732	ng	97
66) n-Nitrosodiphenylamine	15.780	169	1315516	39.869	ng	99
67) 4-Bromophenyl-phenylether	16.457	248	443045	39.619	ng	98
68) Hexachlorobenzene	16.568	284	484784	39.982	ng	96
69) Atrazine	16.739	200	429837	41.130	ng	100
70) Pentachlorophenol	16.921	266	368259	42.333	ng	100
71) Phenanthrene	17.309	178	2300855	40.121	ng	100
72) Anthracene	17.404	178	2392765	40.918	ng	100
73) Carbazole	17.680	167	2195699	40.183	ng	99
74) Di-n-butylphthalate	18.239	149	2896897	42.858	ng	100
75) Fluoranthene	19.333	202	2719831	41.605	ng	100
77) Benzidine	19.527	184	712998	26.624	ng	99
78) Pyrene	19.698	202	2815230	38.950	ng	100
80) Butylbenzylphthalate	20.597	149	1351453	40.813	ng	100
81) Benzo(a)anthracene	21.444	228	2809266	39.232	ng	99
82) 3,3'-Dichlorobenzidine	21.386	252	939528	39.387	ng	99
83) Chrysene	21.503	228	2854809	41.299	ng	100
84) Bis(2-ethylhexyl)phtha...	21.374	149	2008822	41.076	ng	99
85) Di-n-octyl phthalate	22.291	149	3689097	41.869	ng	99
87) Indeno(1,2,3-cd)pyrene	26.338	276	3554174	39.924	ng	100
88) Benzo(b)fluoranthene	23.127	252	2888871	39.075	ng	100
89) Benzo(k)fluoranthene	23.174	252	3002713	39.874	ng	99
90) Benzo(a)pyrene	23.750	252	2896945	39.888	ng	99
91) Dibenzo(a,h)anthracene	26.350	278	2958193	39.573	ng	99
92) Benzo(g,h,i)perylene	27.103	276	2941257	40.010	ng	99

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

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