Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072823\
Data File : BM041166.D
Acq On : 28 Jul 2023 15:16
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM072823

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

Quant Time: Jul 29 00:23:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 29 00:19:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	207129	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	748998	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	407731	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	810093	20.000	ng	0.00
76) Chrysene-d12	21.433	240	755647	20.000	ng	0.00
86) Perylene-d12	23.803	264	812070	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1118974	80.742	ng	0.00
7) Phenol-d6	6.981	99	1450168	80.726	ng	0.00
23) Nitrobenzene-d5	8.987	82	1323742	82.190	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	481822	83.546	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	2639241	81.770	ng	0.00
79) Terphenyl-d14	19.868	244	3534755	84.577	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	232677	39.247	ng	100
3) Pyridine	3.675	79	633072m	40.612	ng	
4) n-Nitrosodimethylamine	3.593	42	286681	39.764	ng	95
6) Aniline	7.140	93	850441	40.452	ng	100
8) 2-Chlorophenol	7.369	128	546270	40.377	ng	99
9) Benzaldehyde	6.957	77	371759	39.220	ng	100
10) Phenol	7.010	94	696725	40.156	ng	99
11) bis(2-Chloroethyl)ether	7.240	93	564539	40.196	ng	99
12) 1,3-Dichlorobenzene	7.693	146	591585	40.170	ng	99
13) 1,4-Dichlorobenzene	7.840	146	593659	40.106	ng	99
14) 1,2-Dichlorobenzene	8.157	146	568080	40.026	ng	99
15) Benzyl Alcohol	8.063	79	470559	41.479	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.345	45	741529	39.627	ng	100
17) 2-Methylphenol	8.263	107	481649	40.633	ng	99
18) Hexachloroethane	8.881	117	226080	41.025	ng	94
19) n-Nitroso-di-n-propyla...	8.628	70	447708	41.032	ng	100
20) 3+4-Methylphenols	8.593	107	646313	40.779	ng	99
22) Acetophenone	8.645	105	798436	40.250	ng	100
24) Nitrobenzene	9.028	77	666132	40.898	ng	100
25) Isophorone	9.551	82	1135659	41.538	ng	100
26) 2-Nitrophenol	9.734	139	275452	43.261	ng	98
27) 2,4-Dimethylphenol	9.798	122	464051	41.418	ng	99
28) bis(2-Chloroethoxy)met...	10.040	93	695021	40.583	ng	99
29) 2,4-Dichlorophenol	10.269	162	474232	41.972	ng	99
30) 1,2,4-Trichlorobenzene	10.475	180	515502	41.295	ng	100
31) Naphthalene	10.663	128	1622708	39.924	ng	100
32) Benzoic acid	9.957	122	309569	38.460	ng	97
33) 4-Chloroaniline	10.792	127	673678	41.475	ng	99
34) Hexachlorobutadiene	10.934	225	313133	41.707	ng	99
35) Caprolactam	11.598	113	136504	41.763	ng	95
36) 4-Chloro-3-methylphenol	11.922	107	487191	40.967	ng	99
37) 2-Methylnaphthalene	12.281	142	1112670	40.605	ng	99
38) 1-Methylnaphthalene	12.504	142	1032730	40.268	ng	99
40) 1,2,4,5-Tetrachloroben...	12.651	216	548886	41.458	ng	99
41) Hexachlorocyclopentadiene	12.622	237	304990	43.543	ng	100
43) 2,4,6-Trichlorophenol	12.898	196	359758	42.396	ng	99

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44) 2,4,5-Trichlorophenol	12.975	196	409792	41.723	ng	98
46) 1,1'-Biphenyl	13.304	154	1340694	40.560	ng	99
47) 2-Chloronaphthalene	13.345	162	1004090	40.683	ng	99
48) 2-Nitroaniline	13.569	65	334152	42.415	ng	99
49) Acenaphthylene	14.192	152	1622906	40.739	ng	100
50) Dimethylphthalate	13.939	163	1247741	40.683	ng	99
51) 2,6-Dinitrotoluene	14.069	165	265214	41.734	ng	99
52) Acenaphthene	14.533	154	969239	40.387	ng	99
53) 3-Nitroaniline	14.398	138	285168	39.274	ng	97
54) 2,4-Dinitrophenol	14.610	184	153750	39.049	ng	97
55) Dibenzofuran	14.874	168	1565187	39.974	ng	100
56) 4-Nitrophenol	14.710	139	215896	40.764	ng	99
57) 2,4-Dinitrotoluene	14.857	165	352162	39.317	ng	96
58) Fluorene	15.527	166	1237107	40.050	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	329888	41.478	ng	98
60) Diethylphthalate	15.304	149	1216997	41.032	ng	99
61) 4-Chlorophenyl-phenyle...	15.521	204	636945	41.150	ng	98
62) 4-Nitroaniline	15.569	138	256830	38.766	ng	100
63) Azobenzene	15.816	77	1331240	40.975	ng	99
65) 4,6-Dinitro-2-methylph...	15.621	198	209630	42.716	ng	97
66) n-Nitrosodiphenylamine	15.739	169	1039708	41.267	ng	100
67) 4-Bromophenyl-phenylether	16.416	248	371817	41.862	ng	97
68) Hexachlorobenzene	16.527	284	408021	41.312	ng	98
69) Atrazine	16.704	200	281809	42.592	ng	99
70) Pentachlorophenol	16.880	266	292755	42.807	ng	99
71) Phenanthrene	17.274	178	1808480	40.180	ng	100
72) Anthracene	17.363	178	1835860	41.241	ng	100
73) Carbazole	17.645	167	1655645	41.093	ng	100
74) Di-n-butylphthalate	18.204	149	1969689	43.263	ng	99
75) Fluoranthene	19.298	202	2074921	41.033	ng	100
77) Benzidine	19.498	184	521812	50.664	ng	100
78) Pyrene	19.662	202	2177419	41.205	ng	100
80) Butylbenzylphthalate	20.568	149	854614	44.286	ng	100
81) Benzo(a)anthracene	21.415	228	2102314	41.039	ng	99
82) 3,3'-Dichlorobenzidine	21.356	252	719571	43.047	ng	99
83) Chrysene	21.468	228	1989096	40.144	ng	99
84) Bis(2-ethylhexyl)phtha...	21.339	149	1235539	40.723	ng	99
85) Di-n-octyl phthalate	22.262	149	2066275	42.367	ng	99
87) Indeno(1,2,3-cd)pyrene	26.256	276	2460338	41.209	ng	99
88) Benzo(b)fluoranthene	23.086	252	1959228	40.613	ng	99
89) Benzo(k)fluoranthene	23.133	252	2081177	42.174	ng	99
90) Benzo(a)pyrene	23.697	252	1934392	41.731	ng	99
91) Dibenzo(a,h)anthracene	26.268	278	2061474	41.396	ng	99
92) Benzo(g,h,i)perylene	27.009	276	1993532	40.912	ng	98

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

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