Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041723\
Data File : BM039443.D
Acq On : 17 Apr 2023 16:38
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Quant Time: Apr 18 02:55:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 02:48:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	177206	20.000	ng		0.00
21) Naphthalene-d8	10.651	136	821575	20.000	ng		0.00
39) Acenaphthene-d10	14.498	164	535025	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	1167870	20.000	ng		0.00
76) Chrysene-d12	21.445	240	1118921	20.000	ng		0.00
86) Perylene-d12	23.821	264	1247000	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	446802	41.195	ng		0.00
7) Phenol-d6	7.034	99	659352	41.365	ng		0.00
23) Nitrobenzene-d5	9.016	82	682833	40.701	ng		0.00
42) 2,4,6-Tribromophenol	15.992	330	287326	41.385	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	1600103	41.380	ng		0.00
79) Terphenyl-d14	19.880	244	2581459	41.621	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	93300	20.823	ng		100
3) Pyridine	3.669	79	269974	20.464	ng		98
4) n-Nitrosodimethylamine	3.587	42	109848	20.425	ng	#	96
6) Aniline	7.169	93	410474	20.412	ng		98
8) 2-Chlorophenol	7.410	128	257698	20.951	ng		99
9) Benzaldehyde	6.981	77	179825	21.887	ng		99
10) Phenol	7.057	94	321011	20.530	ng		100
11) bis(2-Chloroethyl)ether	7.269	93	286981	21.400	ng		98
12) 1,3-Dichlorobenzene	7.728	146	268020	20.912	ng		100
13) 1,4-Dichlorobenzene	7.875	146	267046	20.783	ng		99
14) 1,2-Dichlorobenzene	8.193	146	266565	20.889	ng		100
15) Benzyl Alcohol	8.098	79	225010	19.367	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.381	45	397559	21.015	ng		99
17) 2-Methylphenol	8.310	107	237677	20.586	ng		99
18) Hexachloroethane	8.916	117	107260	20.995	ng		99
19) n-Nitroso-di-n-propyla...	8.657	70	249393	20.678	ng		98
20) 3+4-Methylphenols	8.645	107	329569	20.767	ng		99
22) Acetophenone	8.675	105	443812	20.385	ng	#	99
24) Nitrobenzene	9.057	77	333723	20.197	ng		100
25) Isophorone	9.581	82	704601	20.278	ng		99
26) 2-Nitrophenol	9.769	139	149496	20.049	ng		99
27) 2,4-Dimethylphenol	9.840	122	261891	20.324	ng		99
28) bis(2-Chloroethoxy)met...	10.069	93	403457	20.427	ng		100
29) 2,4-Dichlorophenol	10.316	162	250306	20.061	ng		99
30) 1,2,4-Trichlorobenzene	10.516	180	267947	20.289	ng		99
31) Naphthalene	10.698	128	908317	20.461	ng		100
32) Benzoic acid	9.992	122	157037	19.203	ng		97
33) 4-Chloroaniline	10.828	127	376525	20.077	ng		99
34) Hexachlorobutadiene	10.981	225	162315	20.696	ng		97
35) Caprolactam	11.616	113	99372	19.963	ng		99
36) 4-Chloro-3-methylphenol	11.969	107	310995	20.478	ng		98
37) 2-Methylnaphthalene	12.316	142	663289	20.331	ng		98
38) 1-Methylnaphthalene	12.533	142	624608	20.318	ng		100
40) 1,2,4,5-Tetrachloroben...	12.686	216	316463	20.279	ng		100
41) Hexachlorocyclopentadiene	12.657	237	140169	19.884	ng		98
43) 2,4,6-Trichlorophenol	12.939	196	216922	20.177	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.022	196	253984	19.990	ng	99
46) 1,1'-Biphenyl	13.333	154	846146	20.528	ng	99
47) 2-Chloronaphthalene	13.375	162	631870	20.621	ng	99
48) 2-Nitroaniline	13.592	65	209471	19.992	ng	98
49) Acenaphthylene	14.222	152	1082052	20.645	ng	99
50) Dimethylphthalate	13.963	163	889797	20.545	ng	99
51) 2,6-Dinitrotoluene	14.086	165	188551	20.478	ng	96
52) Acenaphthene	14.563	154	640027	20.624	ng	99
53) 3-Nitroaniline	14.422	138	191342	20.365	ng	98
54) 2,4-Dinitrophenol	14.639	184	86585	19.653	ng	96
55) Dibenzofuran	14.898	168	1030284	20.661	ng	99
56) 4-Nitrophenol	14.763	139	117213	19.704	ng	97
57) 2,4-Dinitrotoluene	14.880	165	258547	20.543	ng	98
58) Fluorene	15.551	166	836779	20.690	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.133	232	215287	20.573	ng	99
60) Diethylphthalate	15.322	149	937181	20.872	ng	99
61) 4-Chlorophenyl-phenyle...	15.545	204	416023	20.753	ng	99
62) 4-Nitroaniline	15.586	138	161626	19.308	ng	98
63) Azobenzene	15.833	77	914584	20.903	ng	98
65) 4,6-Dinitro-2-methylph...	15.645	198	146828	20.078	ng	98
66) n-Nitrosodiphenylamine	15.763	169	728369	20.571	ng	99
67) 4-Bromophenyl-phenylether	16.439	248	249260	20.275	ng	99
68) Hexachlorobenzene	16.551	284	271485	20.337	ng	98
69) Atrazine	16.716	200	247477	20.834	ng	99
70) Pentachlorophenol	16.904	266	188535	20.224	ng	97
71) Phenanthrene	17.292	178	1299082	20.513	ng	99
72) Anthracene	17.386	178	1323005	20.366	ng	100
73) Carbazole	17.663	167	1218591	20.625	ng	100
74) Di-n-butylphthalate	18.221	149	1692821	20.611	ng	99
75) Fluoranthene	19.315	202	1575279	20.503	ng	99
77) Benzidine	19.509	184	531730	20.972	ng	99
78) Pyrene	19.674	202	1647309	20.019	ng	99
80) Butylbenzylphthalate	20.574	149	812560	19.914	ng	99
81) Benzo(a)anthracene	21.427	228	1624582	20.445	ng	100
82) 3,3'-Dichlorobenzidine	21.362	252	541657	20.651	ng	99
83) Chrysene	21.480	228	1575578	20.457	ng	100
84) Bis(2-ethylhexyl)phtha...	21.351	149	1273512	20.474	ng	99
85) Di-n-octyl phthalate	22.268	149	2184697	20.425	ng	99
87) Indeno(1,2,3-cd)pyrene	26.291	276	1864800	20.351	ng	100
88) Benzo(b)fluoranthene	23.097	252	1574414	20.708	ng	100
89) Benzo(k)fluoranthene	23.145	252	1610224	20.257	ng	99
90) Benzo(a)pyrene	23.715	252	1536878	20.339	ng	99
91) Dibenzo(a,h)anthracene	26.297	278	1558085	20.457	ng	99
92) Benzo(g,h,i)perylene	27.044	276	1530764	20.277	ng	99

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

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