Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080823\
Data File : BM041330.D
Acq On : 08 Aug 2023 16:06
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

Quant Time: Aug 09 01:16:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 17:25:06 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	118917	20.000	ng	0.00
21) Naphthalene-d8	10.586	136	451384	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	271240	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	581648	20.000	ng	0.00
76) Chrysene-d12	21.421	240	545725	20.000	ng	0.00
86) Perylene-d12	23.785	264	604708	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	577202	72.545	ng	0.00
7) Phenol-d6	6.963	99	746952	72.424	ng	0.00
23) Nitrobenzene-d5	8.963	82	729610	75.169	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	323790	84.396	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	1596704	74.363	ng	0.00
79) Terphenyl-d14	19.850	244	2417918	80.109	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.257	88	115882	34.046	ng	97
3) Pyridine	3.663	79	316888	35.408	ng	96
4) n-Nitrosodimethylamine	3.581	42	138776	33.528	ng	91
6) Aniline	7.122	93	443291	36.727	ng	99
8) 2-Chlorophenol	7.345	128	292264	37.627	ng	99
9) Benzaldehyde	6.934	77	192665m	35.403	ng	
10) Phenol	6.992	94	361595	36.300	ng	97
11) bis(2-Chloroethyl)ether	7.222	93	296766	36.805	ng	96
12) 1,3-Dichlorobenzene	7.669	146	320340	37.887	ng	99
13) 1,4-Dichlorobenzene	7.816	146	327079	38.487	ng	99
14) 1,2-Dichlorobenzene	8.134	146	317269	38.936	ng	100
15) Benzyl Alcohol	8.039	79	270886	41.591	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.322	45	371668	34.595	ng	94
17) 2-Methylphenol	8.239	107	265693	39.041	ng	99
18) Hexachloroethane	8.851	117	127138	40.184	ng	90
19) n-Nitroso-di-n-propyla...	8.604	70	248424	39.657	ng	97
20) 3+4-Methylphenols	8.575	107	355794	39.101	ng	98
22) Acetophenone	8.622	105	449344	37.588	ng	99
24) Nitrobenzene	9.004	77	369988	37.693	ng	99
25) Isophorone	9.528	82	654969	39.752	ng	99
26) 2-Nitrophenol	9.710	139	162791	42.425	ng	94
27) 2,4-Dimethylphenol	9.775	122	260833	38.629	ng	97
28) bis(2-Chloroethoxy)met...	10.010	93	389376	37.727	ng	100
29) 2,4-Dichlorophenol	10.245	162	279927	41.110	ng	99
30) 1,2,4-Trichlorobenzene	10.451	180	305759	40.643	ng	99
31) Naphthalene	10.639	128	914088	37.318	ng	99
32) Benzoic acid	9.945	122	208067	42.068	ng	100
33) 4-Chloroaniline	10.769	127	378830	38.700	ng	99
34) Hexachlorobutadiene	10.904	225	201661	44.569	ng	99
35) Caprolactam	11.592	113	80523	40.879	ng	90
36) 4-Chloro-3-methylphenol	11.904	107	284010	39.628	ng	97
37) 2-Methylnaphthalene	12.257	142	651834	39.472	ng	99
38) 1-Methylnaphthalene	12.480	142	603198	39.027	ng	100
40) 1,2,4,5-Tetrachloroben...	12.627	216	346896	39.387	ng	98
41) Hexachlorocyclopentadiene	12.592	237	163329	35.052	ng	97
43) 2,4,6-Trichlorophenol	12.880	196	228404	40.461	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	263142	40.274	ng		97
46) 1,1'-Biphenyl	13.280	154	805458	36.630	ng		99
47) 2-Chloronaphthalene	13.321	162	611213	37.227	ng		99
48) 2-Nitroaniline	13.545	65	205114	39.138	ng		99
49) Acenaphthylene	14.168	152	989155	37.325	ng		100
50) Dimethylphthalate	13.921	163	797973	39.110	ng		99
51) 2,6-Dinitrotoluene	14.051	165	170688	40.375	ng		98
52) Acenaphthene	14.515	154	586797	36.756	ng		99
53) 3-Nitroaniline	14.380	138	176175	36.657	ng		96
54) 2,4-Dinitrophenol	14.604	184	103972	39.598	ng	#	87
55) Dibenzofuran	14.851	168	973957	37.392	ng		99
56) 4-Nitrophenol	14.710	139	130647	37.081	ng		96
57) 2,4-Dinitrotoluene	14.845	165	231821	38.933	ng		96
58) Fluorene	15.504	166	775715	37.750	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.086	232	219013	41.395	ng		97
60) Diethylphthalate	15.286	149	805936	40.846	ng		98
61) 4-Chlorophenyl-phenyle...	15.498	204	415213	40.323	ng		99
62) 4-Nitroaniline	15.551	138	166056	37.794	ng		96
63) Azobenzene	15.792	77	826443	38.238	ng		99
65) 4,6-Dinitro-2-methylph...	15.610	198	145118	41.185	ng		92
66) n-Nitrosodiphenylamine	15.721	169	660690	36.523	ng		99
67) 4-Bromophenyl-phenylether	16.398	248	258709	40.567	ng		100
68) Hexachlorobenzene	16.509	284	277205	39.091	ng		96
69) Atrazine	16.686	200	206666	43.503	ng		99
70) Pentachlorophenol	16.862	266	203346	41.411	ng		98
71) Phenanthrene	17.251	178	1175278	36.368	ng		99
72) Anthracene	17.345	178	1205072	37.704	ng		99
73) Carbazole	17.627	167	1077739	37.255	ng		100
74) Di-n-butylphthalate	18.186	149	1449829	44.351	ng		99
75) Fluoranthene	19.280	202	1427885	39.328	ng		99
77) Benzidine	19.480	184	256964	34.547	ng		99
78) Pyrene	19.645	202	1466822	38.435	ng		100
80) Butylbenzylphthalate	20.550	149	667313	47.882	ng		96
81) Benzo(a)anthracene	21.403	228	1437138	38.846	ng		99
82) 3,3'-Dichlorobenzidine	21.344	252	485105	40.184	ng		99
83) Chrysene	21.456	228	1369332	38.267	ng		99
84) Bis(2-ethylhexyl)phtha...	21.327	149	1012057	45.848	ng	#	97
85) Di-n-octyl phthalate	22.239	149	1637498	46.490	ng		97
87) Indeno(1,2,3-cd)pyrene	26.238	276	1637568	36.833	ng		96
88) Benzo(b)fluoranthene	23.068	252	1372580	38.209	ng		98
89) Benzo(k)fluoranthene	23.115	252	1374660	37.409	ng		98
90) Benzo(a)pyrene	23.680	252	1332274	38.597	ng		98
91) Dibenzo(a,h)anthracene	26.250	278	1380343	37.224	ng		97
92) Benzo(g,h,i)perylene	26.991	276	1317479	36.309	ng		97

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

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