Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020624\
Data File : BM043983.D
Acq On : 06 Feb 2024 09:30
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 07 03:51:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 07:03:31 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	257373	20.000	ng		0.00
21) Naphthalene-d8	10.728	136	1175059	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	734305	20.000	ng		0.00
64) Phenanthrene-d10	17.315	188	1634266	20.000	ng		0.00
76) Chrysene-d12	21.521	240	1758444	20.000	ng		0.00
86) Perylene-d12	23.927	264	2114018	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	1411038	80.961	ng		0.00
7) Phenol-d6	7.087	99	2059637	79.983	ng		0.00
23) Nitrobenzene-d5	9.092	82	1955136	80.207	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	727351	81.258	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	4254724	79.617	ng		0.00
79) Terphenyl-d14	19.956	244	7699993	84.530	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	275226	40.861	ng		99
3) Pyridine	3.793	79	870620	42.473	ng		99
4) n-Nitrosodimethylamine	3.716	42	357082	40.522	ng		98
6) Aniline	7.251	93	1002840	39.141	ng		99
8) 2-Chlorophenol	7.481	128	765185	39.543	ng		97
9) Benzaldehyde	7.069	77	490280	42.105	ng		98
10) Phenol	7.116	94	1011170	39.493	ng		98
11) bis(2-Chloroethyl)ether	7.357	93	789183	39.327	ng		97
12) 1,3-Dichlorobenzene	7.810	146	815402	39.030	ng		99
13) 1,4-Dichlorobenzene	7.957	146	833371	39.443	ng		100
14) 1,2-Dichlorobenzene	8.269	146	813601	39.046	ng		100
15) Benzyl Alcohol	8.169	79	683600	38.731	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.463	45	1031355m	38.325	ng		
17) 2-Methylphenol	8.369	107	641082	39.170	ng		99
18) Hexachloroethane	8.998	117	311845	39.331	ng		99
19) n-Nitroso-di-n-propyla...	8.740	70	662166	39.079	ng		99
20) 3+4-Methylphenols	8.698	107	911163	39.444	ng		99
22) Acetophenone	8.751	105	1259542	39.560	ng	#	98
24) Nitrobenzene	9.134	77	979320	40.042	ng		99
25) Isophorone	9.657	82	1795664	39.572	ng		98
26) 2-Nitrophenol	9.845	139	401720	40.641	ng		97
27) 2,4-Dimethylphenol	9.904	122	543608	40.052	ng		98
28) bis(2-Chloroethoxy)met...	10.151	93	1093712	39.468	ng		99
29) 2,4-Dichlorophenol	10.375	162	709971	41.011	ng		99
30) 1,2,4-Trichlorobenzene	10.586	180	775774	39.677	ng		100
31) Naphthalene	10.775	128	2578278	39.366	ng		99
32) Benzoic acid	10.028	122	520453	36.629	ng		93
33) 4-Chloroaniline	10.892	127	1076666	39.994	ng		99
34) Hexachlorobutadiene	11.051	225	420347	39.418	ng		99
35) Caprolactam	11.681	113	284437	40.067	ng		100
36) 4-Chloro-3-methylphenol	12.016	107	857070	40.429	ng		99
37) 2-Methylnaphthalene	12.386	142	1793399	39.265	ng		100
38) 1-Methylnaphthalene	12.610	142	1791023	39.281	ng		100
40) 1,2,4,5-Tetrachloroben...	12.751	216	820479	39.396	ng		99
41) Hexachlorocyclopentadiene	12.722	237	292468	42.699	ng		98
43) 2,4,6-Trichlorophenol	12.998	196	576644	40.971	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	658697	41.021	ng	98
46) 1,1'-Biphenyl	13.404	154	2265335	39.230	ng	100
47) 2-Chloronaphthalene	13.439	162	1819384	39.508	ng	99
48) 2-Nitroaniline	13.651	65	615332	41.083	ng	97
49) Acenaphthylene	14.286	152	2803624	39.827	ng	99
50) Dimethylphthalate	14.039	163	2237484	39.228	ng	99
51) 2,6-Dinitrotoluene	14.157	165	512253	40.857	ng	99
52) Acenaphthene	14.627	154	1767832	39.615	ng	98
53) 3-Nitroaniline	14.480	138	601799	41.347	ng	95
54) 2,4-Dinitrophenol	14.686	184	256591	37.380	ng	99
55) Dibenzofuran	14.963	168	2721589	39.189	ng	99
56) 4-Nitrophenol	14.786	139	534687	42.037	ng	96
57) 2,4-Dinitrotoluene	14.939	165	724647	41.521	ng	99
58) Fluorene	15.616	166	2356459	40.180	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.186	232	553377	39.975	ng	99
60) Diethylphthalate	15.404	149	2331212	39.481	ng	99
61) 4-Chlorophenyl-phenyle...	15.616	204	1093673	39.970	ng	100
62) 4-Nitroaniline	15.645	138	668165	41.986	ng	98
63) Azobenzene	15.910	77	2399168	40.681	ng	99
65) 4,6-Dinitro-2-methylph...	15.698	198	371365	38.208	ng	98
66) n-Nitrosodiphenylamine	15.833	169	1950018	40.057	ng	100
67) 4-Bromophenyl-phenylether	16.515	248	640907	39.809	ng	99
68) Hexachlorobenzene	16.610	284	753104	39.234	ng	99
69) Atrazine	16.792	200	555289	41.231	ng	99
70) Pentachlorophenol	16.957	266	526507	41.772	ng	99
71) Phenanthrene	17.362	178	3643144	40.023	ng	100
72) Anthracene	17.451	178	3599476	40.390	ng	99
73) Carbazole	17.727	167	3750260	40.633	ng	100
74) Di-n-butylphthalate	18.309	149	4145249	40.954	ng	100
75) Fluoranthene	19.380	202	4554634	40.461	ng	100
77) Benzidine	19.580	184	1430953	64.138	ng	99
78) Pyrene	19.745	202	4848857	40.115	ng	99
80) Butylbenzylphthalate	20.668	149	1974946	41.262	ng	98
81) Benzo(a)anthracene	21.503	228	4968773	40.277	ng	99
82) 3,3'-Dichlorobenzidine	21.445	252	1652207	41.885	ng	99
83) Chrysene	21.556	228	4702956	39.791	ng	100
84) Bis(2-ethylhexyl)phtha...	21.450	149	2976455	41.816	ng	100
85) Di-n-octyl phthalate	22.397	149	5131888	41.852	ng	100
87) Indeno(1,2,3-cd)pyrene	26.438	276	6345434	40.114	ng	100
88) Benzo(b)fluoranthene	23.197	252	5325548	40.049	ng	99
89) Benzo(k)fluoranthene	23.250	252	5221651	40.929	ng	100
90) Benzo(a)pyrene	23.821	252	4768899	40.573	ng	100
91) Dibenzo(a,h)anthracene	26.468	278	5203701	39.888	ng	100
92) Benzo(g,h,i)perylene	27.209	276	5236274	39.351	ng	99

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

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