Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021324\
Data File : BM044071.D
Acq On : 13 Feb 2024 18:19
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024

Quant Time: Feb 14 00:58:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 09 02:42:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	465223	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	2038546	20.000	ng		-0.01
39) Acenaphthene-d10	14.551	164	1157238	20.000	ng		0.00
64) Phenanthrene-d10	17.298	188	2219913	20.000	ng		0.00
76) Chrysene-d12	21.503	240	1586162	20.000	ng		0.00
86) Perylene-d12	23.897	264	1638563	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	2605022	81.441	ng		0.00
7) Phenol-d6	7.075	99	3419650	84.025	ng		0.00
23) Nitrobenzene-d5	9.075	82	3146819	81.912	ng		0.00
42) 2,4,6-Tribromophenol	16.045	330	953774	76.121	ng		0.00
45) 2-Fluorobiphenyl	13.174	172	6306126	76.907	ng		0.00
79) Terphenyl-d14	19.945	244	7375009	81.509	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	534901	42.137	ng		99
3) Pyridine	3.781	79	1487778m	44.392	ng		
4) n-Nitrosodimethylamine	3.704	42	586344	46.110	ng		98
6) Aniline	7.240	93	1680340	41.992	ng		99
8) 2-Chlorophenol	7.469	128	1343402	40.219	ng		98
9) Benzaldehyde	7.051	77	874167m	41.797	ng		
10) Phenol	7.098	94	1712327	41.689	ng		99
11) bis(2-Chloroethyl)ether	7.340	93	1438160	42.282	ng		99
12) 1,3-Dichlorobenzene	7.792	146	1449148	38.212	ng		97
13) 1,4-Dichlorobenzene	7.939	146	1469638	38.444	ng		98
14) 1,2-Dichlorobenzene	8.251	146	1404810	38.567	ng		99
15) Benzyl Alcohol	8.151	79	1118787	42.220	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.445	45	1765306m	40.941	ng		
17) 2-Methylphenol	8.351	107	1113133	41.285	ng		98
18) Hexachloroethane	8.975	117	570720	39.873	ng		97
19) n-Nitroso-di-n-propyla...	8.728	70	1094518	43.797	ng		99
20) 3+4-Methylphenols	8.687	107	1556755	41.951	ng		99
22) Acetophenone	8.739	105	2102817	40.639	ng	#	99
24) Nitrobenzene	9.122	77	1576549	40.075	ng		98
25) Isophorone	9.645	82	3068482	41.480	ng		99
26) 2-Nitrophenol	9.822	139	744977	40.844	ng		99
27) 2,4-Dimethylphenol	9.886	122	927268	39.759	ng		99
28) bis(2-Chloroethoxy)met...	10.133	93	1948149	40.721	ng		100
29) 2,4-Dichlorophenol	10.357	162	1202746	39.170	ng		98
30) 1,2,4-Trichlorobenzene	10.569	180	1294301	37.486	ng		97
31) Naphthalene	10.757	128	4327692	38.465	ng		99
32) Benzoic acid	10.045	122	975750	41.533	ng		99
33) 4-Chloroaniline	10.875	127	1708131	40.093	ng		100
34) Hexachlorobutadiene	11.033	225	716108	36.235	ng		100
35) Caprolactam	11.680	113	430082	43.527	ng		97
36) 4-Chloro-3-methylphenol	11.998	107	1379472	41.489	ng		97
37) 2-Methylnaphthalene	12.369	142	2942427	39.262	ng		98
38) 1-Methylnaphthalene	12.592	142	2892848	39.283	ng		99
40) 1,2,4,5-Tetrachloroben...	12.733	216	1268377	37.708	ng		99
41) Hexachlorocyclopentadiene	12.704	237	550201	37.481	ng		99
43) 2,4,6-Trichlorophenol	12.980	196	914099	39.931	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	1000901	39.842	ng	97
46) 1,1'-Biphenyl	13.386	154	3586960	39.281	ng	99
47) 2-Chloronaphthalene	13.427	162	2832791	39.162	ng	99
48) 2-Nitroaniline	13.639	65	875688	43.033	ng	95
49) Acenaphthylene	14.274	152	4217358	39.081	ng	100
50) Dimethylphthalate	14.021	163	3405966	39.695	ng	99
51) 2,6-Dinitrotoluene	14.145	165	771520	40.756	ng	97
52) Acenaphthene	14.616	154	2642153	39.560	ng	100
53) 3-Nitroaniline	14.468	138	846695	41.618	ng	97
54) 2,4-Dinitrophenol	14.674	184	420450	40.001	ng	99
55) Dibenzofuran	14.951	168	3952751	38.237	ng	98
56) 4-Nitrophenol	14.768	139	682312	41.257	ng	95
57) 2,4-Dinitrotoluene	14.927	165	1035190	41.840	ng	98
58) Fluorene	15.598	166	3119202	39.048	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.174	232	763842	38.750	ng	95
60) Diethylphthalate	15.386	149	3581201	40.386	ng	98
61) 4-Chlorophenyl-phenyle...	15.598	204	1463223	37.804	ng	96
62) 4-Nitroaniline	15.633	138	852175	41.612	ng	99
63) Azobenzene	15.892	77	3518895	42.297	ng	98
65) 4,6-Dinitro-2-methylph...	15.686	198	558212	42.199	ng	98
66) n-Nitrosodiphenylamine	15.815	169	2751638	40.799	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	879925	40.091	ng	98
68) Hexachlorobenzene	16.592	284	1002994	37.306	ng	94
69) Atrazine	16.780	200	715670	39.189	ng	98
70) Pentachlorophenol	16.945	266	676656	38.688	ng	99
71) Phenanthrene	17.345	178	4631944	39.513	ng	100
72) Anthracene	17.433	178	4614674	39.763	ng	99
73) Carbazole	17.709	167	4450392	39.432	ng	99
74) Di-n-butylphthalate	18.286	149	6087848	41.498	ng	99
75) Fluoranthene	19.362	202	5085370	38.619	ng	99
77) Benzidine	19.562	184	1111667	45.099	ng	99
78) Pyrene	19.727	202	5233795	42.844	ng	100
80) Butylbenzylphthalate	20.650	149	2440028	44.936	ng	100
81) Benzo(a)anthracene	21.486	228	4413860	40.005	ng	99
82) 3,3'-Dichlorobenzidine	21.427	252	1382413	38.187	ng	99
83) Chrysene	21.539	228	4123608	39.559	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	3492957	43.598	ng	98
85) Di-n-octyl phthalate	22.374	149	5820972	41.601	ng	99
87) Indeno(1,2,3-cd)pyrene	26.385	276	4394036	37.889	ng	98
88) Benzo(b)fluoranthene	23.174	252	4236421	41.360	ng	99
89) Benzo(k)fluoranthene	23.221	252	3953256	40.617	ng	99
90) Benzo(a)pyrene	23.791	252	3618050	40.440	ng	99
91) Dibenzo(a,h)anthracene	26.415	278	3675292	37.887	ng	98
92) Benzo(g,h,i)perylene	27.150	276	3668684	37.291	ng	98

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

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