Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012524\
Data File : BM043901.D
Acq On : 25 Jan 2024 13:31
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024

Quant Time: Jan 26 00:32:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 26 00:26:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	245255	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	1007531	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	595395	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	1230888	20.000	ng	0.00
76) Chrysene-d12	21.521	240	1221176	20.000	ng	0.00
86) Perylene-d12	23.933	264	1338639	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1264580	83.303	ng	0.00
7) Phenol-d6	7.087	99	1639343	83.178	ng	0.00
23) Nitrobenzene-d5	9.092	82	1595232	84.787	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	577387	83.374	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	3798460	82.876	ng	0.00
79) Terphenyl-d14	19.962	244	6100548	85.228	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	287994	41.104	ng	100
3) Pyridine	3.787	79	711720	41.628	ng	100
4) n-Nitrosodimethylamine	3.710	42	346153	41.975	ng	100
6) Aniline	7.251	93	985390	41.216	ng	100
8) 2-Chlorophenol	7.481	128	676849	42.239	ng	100
9) Benzaldehyde	7.069	77	425737	42.390	ng	100
10) Phenol	7.116	94	863695	41.459	ng	100
11) bis(2-Chloroethyl)ether	7.357	93	700635	40.987	ng	100
12) 1,3-Dichlorobenzene	7.810	146	785720	41.090	ng	100
13) 1,4-Dichlorobenzene	7.957	146	796439	41.000	ng	100
14) 1,2-Dichlorobenzene	8.275	146	764795	41.100	ng	100
15) Benzyl Alcohol	8.169	79	597761	42.154	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.451	45	1083565	41.247	ng	100
17) 2-Methylphenol	8.369	107	555759	41.799	ng	100
18) Hexachloroethane	8.998	117	291968	41.654	ng	100
19) n-Nitroso-di-n-propyla...	8.739	70	586068	41.870	ng	100
20) 3+4-Methylphenols	8.698	107	742735	42.221	ng	100
22) Acetophenone	8.751	105	1100530	40.891	ng	100
24) Nitrobenzene	9.134	77	766784	41.823	ng	100
25) Isophorone	9.657	82	1529224	41.387	ng	100
26) 2-Nitrophenol	9.845	139	230130	36.409	ng	100
27) 2,4-Dimethylphenol	9.904	122	504724	42.015	ng	100
28) bis(2-Chloroethoxy)met...	10.151	93	929370	41.173	ng	100
29) 2,4-Dichlorophenol	10.375	162	598218	43.086	ng	100
30) 1,2,4-Trichlorobenzene	10.586	180	712725	41.199	ng	100
31) Naphthalene	10.781	128	2214475	40.896	ng	100
32) Benzoic acid	10.028	122	207698m	40.203	ng	
33) 4-Chloroaniline	10.892	127	929578	41.290	ng	100
34) Hexachlorobutadiene	11.057	225	407770	40.992	ng	100
35) Caprolactam	11.675	113	199567	43.930	ng	100
36) 4-Chloro-3-methylphenol	12.016	107	637675	43.115	ng	100
37) 2-Methylnaphthalene	12.392	142	1530301	40.819	ng	100
38) 1-Methylnaphthalene	12.610	142	1423640	40.826	ng	100
40) 1,2,4,5-Tetrachloroben...	12.751	216	784368	40.943	ng	100
41) Hexachlorocyclopentadiene	12.727	237	299797	42.916	ng	100
43) 2,4,6-Trichlorophenol	12.998	196	449992	43.967	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	495076	44.076	ng	100
46) 1,1'-Biphenyl	13.404	154	1978341	40.977	ng	100
47) 2-Chloronaphthalene	13.445	162	1516090	40.828	ng	100
48) 2-Nitroaniline	13.651	65	376579	38.626	ng	100
49) Acenaphthylene	14.292	152	2502473	41.202	ng	100
50) Dimethylphthalate	14.039	163	1808469	41.408	ng	100
51) 2,6-Dinitrotoluene	14.157	165	345830	39.890	ng	100
52) Acenaphthene	14.633	154	1431512	41.308	ng	100
53) 3-Nitroaniline	14.480	138	395010	39.691	ng	100
54) 2,4-Dinitrophenol	14.686	184	80134	39.513	ng	100
55) Dibenzofuran	14.968	168	2259921	40.984	ng	100
56) 4-Nitrophenol	14.780	139	303786	39.371	ng	100
57) 2,4-Dinitrotoluene	14.939	165	449661	39.029	ng	100
58) Fluorene	15.616	166	1913849	41.825	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.192	232	424876	39.764	ng	100
60) Diethylphthalate	15.404	149	1863781	41.933	ng	100
61) 4-Chlorophenyl-phenyle...	15.621	204	931839	41.133	ng	100
62) 4-Nitroaniline	15.645	138	417450	39.670	ng	100
63) Azobenzene	15.910	77	1941565	41.469	ng	100
65) 4,6-Dinitro-2-methylph...	15.698	198	134395	39.137	ng	100
66) n-Nitrosodiphenylamine	15.833	169	1599297	41.509	ng	100
67) 4-Bromophenyl-phenylether	16.515	248	571326	41.351	ng	100
68) Hexachlorobenzene	16.610	284	655141	41.181	ng	100
69) Atrazine	16.792	200	522242	43.558	ng	100
70) Pentachlorophenol	16.962	266	322339	38.272	ng	100
71) Phenanthrene	17.362	178	2853305	41.407	ng	100
72) Anthracene	17.451	178	2908886	41.446	ng	100
73) Carbazole	17.727	167	2695257	41.626	ng	100
74) Di-n-butylphthalate	18.315	149	3226038	43.328	ng	100
75) Fluoranthene	19.380	202	3244209	41.249	ng	100
77) Benzidine	19.580	184	1257376	47.385	ng	100
78) Pyrene	19.745	202	3435550	41.147	ng	100
80) Butylbenzylphthalate	20.674	149	1164312	38.757	ng	100
81) Benzo(a)anthracene	21.503	228	3565715	41.302	ng	100
82) 3,3'-Dichlorobenzidine	21.445	252	1162921	43.818	ng	100
83) Chrysene	21.556	228	3339113	41.218	ng	100
84) Bis(2-ethylhexyl)phtha...	21.462	149	2104702	40.128	ng	100
85) Di-n-octyl phthalate	22.409	149	3282096	42.128	ng	100
87) Indeno(1,2,3-cd)pyrene	26.444	276	4231716	42.180	ng	100
88) Benzo(b)fluoranthene	23.203	252	3494142	42.043	ng	100
89) Benzo(k)fluoranthene	23.250	252	3513583	41.865	ng	100
90) Benzo(a)pyrene	23.827	252	3234028	42.043	ng	100
91) Dibenzo(a,h)anthracene	26.474	278	3461633	42.311	ng	100
92) Benzo(g,h,i)perylene	27.209	276	3190112	41.844	ng	100

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

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