Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020524\
Data File : BM043979.D
Acq On : 05 Feb 2024 15:49
Operator : MA/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024

Quant Time: Feb 06 06:47:40 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 06:29:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	285930	20.000	ng		0.00
21) Naphthalene-d8	10.728	136	1321154	20.000	ng		0.00
39) Acenaphthene-d10	14.569	164	830490	20.000	ng		0.00
64) Phenanthrene-d10	17.321	188	1843735	20.000	ng		0.00
76) Chrysene-d12	21.527	240	1944262	20.000	ng		0.00
86) Perylene-d12	23.933	264	2330027	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	3198230	165.178	ng		0.00
7) Phenol-d6	7.093	99	4829340	168.810	ng		0.00
23) Nitrobenzene-d5	9.098	82	4528829	165.245	ng		0.00
42) 2,4,6-Tribromophenol	16.063	330	1771563	174.994	ng		0.00
45) 2-Fluorobiphenyl	13.198	172	9687120	160.276	ng		0.00
79) Terphenyl-d14	19.956	244	13578646	134.820	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	583443	77.968	ng		100
3) Pyridine	3.793	79	1587089	69.846	ng		99
4) n-Nitrosodimethylamine	3.716	42	782729	79.954	ng	#	92
6) Aniline	7.257	93	2406650	84.549	ng		98
8) 2-Chlorophenol	7.487	128	1768624	82.271	ng		99
10) Phenol	7.122	94	2361118	83.008	ng		99
11) bis(2-Chloroethyl)ether	7.363	93	1783050	79.980	ng		98
12) 1,3-Dichlorobenzene	7.810	146	1844791	79.483	ng		99
13) 1,4-Dichlorobenzene	7.957	146	1871561	79.733	ng		99
14) 1,2-Dichlorobenzene	8.275	146	1833688	79.212	ng		99
15) Benzyl Alcohol	8.175	79	1642905	83.785	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.469	45	2350388	78.848	ng		99
17) 2-Methylphenol	8.369	107	1537324	84.549	ng		98
18) Hexachloroethane	8.998	117	706248	80.179	ng		99
19) n-Nitroso-di-n-propyla...	8.745	70	1533445	81.460	ng		99
20) 3+4-Methylphenols	8.704	107	2183870	85.097	ng		99
22) Acetophenone	8.757	105	2894138	80.847	ng	#	99
24) Nitrobenzene	9.140	77	2231914	81.167	ng		97
25) Isophorone	9.663	82	4301502	84.311	ng		99
26) 2-Nitrophenol	9.845	139	1021466	91.911	ng		97
27) 2,4-Dimethylphenol	9.910	122	1311426	85.939	ng		98
28) bis(2-Chloroethoxy)met...	10.157	93	2516947	80.784	ng		100
29) 2,4-Dichlorophenol	10.375	162	1714767	88.100	ng		99
30) 1,2,4-Trichlorobenzene	10.592	180	1793204	81.571	ng		98
31) Naphthalene	10.781	128	6024452	81.811	ng		99
32) Benzoic acid	10.081	122	1462519	81.521	ng		95
33) 4-Chloroaniline	10.904	127	2570301	84.920	ng		99
34) Hexachlorobutadiene	11.051	225	964191	80.418	ng		100
35) Caprolactam	11.710	113	724930m	90.838	ng		
36) 4-Chloro-3-methylphenol	12.022	107	2057646	86.329	ng		99
37) 2-Methylnaphthalene	12.392	142	4239743	82.561	ng		99
38) 1-Methylnaphthalene	12.610	142	4215202	82.225	ng		100
40) 1,2,4,5-Tetrachloroben...	12.751	216	1944388	82.549	ng		100
41) Hexachlorocyclopentadiene	12.728	237	639223	82.514	ng		98
43) 2,4,6-Trichlorophenol	12.998	196	1396482	87.730	ng		98
44) 2,4,5-Trichlorophenol	13.069	196	1585042	87.278	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.404	154	5318366	81.435	ng	100
47) 2-Chloronaphthalene	13.445	162	4238191	81.373	ng	99
48) 2-Nitroaniline	13.657	65	1484470	87.633	ng	98
49) Acenaphthylene	14.292	152	6633313	83.317	ng	100
50) Dimethylphthalate	14.045	163	5230298	81.079	ng	99
51) 2,6-Dinitrotoluene	14.163	165	1233691	87.003	ng	95
52) Acenaphthene	14.633	154	4149871	82.224	ng	99
53) 3-Nitroaniline	14.492	138	1447435	87.928	ng	99
54) 2,4-Dinitrophenol	14.692	184	721557	81.916	ng	94
55) Dibenzofuran	14.969	168	6354110	80.898	ng	99
56) 4-Nitrophenol	14.792	139	1282776	89.170	ng	99
57) 2,4-Dinitrotoluene	14.945	165	1771300	89.737	ng	96
58) Fluorene	15.621	166	5387958	81.229	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	1319713	84.292	ng	99
60) Diethylphthalate	15.410	149	5507207	82.467	ng	99
61) 4-Chlorophenyl-phenyle...	15.621	204	2503198	80.889	ng	97
62) 4-Nitroaniline	15.657	138	1587947	88.227	ng	96
63) Azobenzene	15.916	77	5475433	82.091	ng	96
65) 4,6-Dinitro-2-methylph...	15.704	198	985107	81.458	ng	99
66) n-Nitrosodiphenylamine	15.839	169	4582460	83.438	ng	99
67) 4-Bromophenyl-phenylether	16.515	248	1555367	85.634	ng	98
68) Hexachlorobenzene	16.616	284	1787267	82.531	ng	96
69) Atrazine	16.798	200	1072773	70.605	ng	99
70) Pentachlorophenol	16.963	266	1277936	89.869	ng	99
71) Phenanthrene	17.363	178	8477864	82.555	ng	99
72) Anthracene	17.457	178	8389622	83.446	ng	99
73) Carbazole	17.733	167	8675962	83.323	ng	100
74) Di-n-butylphthalate	18.310	149	9710233	85.035	ng	99
75) Fluoranthene	19.386	202	10531233	82.926	ng	99
77) Benzidine	19.580	184	2566251	104.031	ng	100
78) Pyrene	19.751	202	11172327	83.596	ng	99
80) Butylbenzylphthalate	20.668	149	4825424	91.181	ng	99
81) Benzo(a)anthracene	21.509	228	10983521	80.523	ng	98
82) 3,3'-Dichlorobenzidine	21.450	252	3784072	86.762	ng	99
83) Chrysene	21.562	228	10486200	80.243	ng	98
84) Bis(2-ethylhexyl)phtha...	21.456	149	6752113	85.794	ng	97
85) Di-n-octyl phthalate	22.403	149	12089785	89.173	ng	99
87) Indeno(1,2,3-cd)pyrene	26.462	276	14114981	80.958	ng	100
88) Benzo(b)fluoranthene	23.209	252	12235036	83.479	ng	99
89) Benzo(k)fluoranthene	23.262	252	11587116	82.403	ng	99
90) Benzo(a)pyrene	23.839	252	10952319	84.542	ng	100
91) Dibenzo(a,h)anthracene	26.491	278	11620738	80.819	ng	100
92) Benzo(g,h,i)perylene	27.232	276	11624763	79.263	ng	99

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

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