Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012624\
Data File : BM043914.D
Acq On : 26 Jan 2024 14:53
Operator : MA/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/29/2024
Supervised By :mohammad ahmed 01/30/2024

Quant Time: Jan 27 04:23:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 04:17:07 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	343738	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	1414425	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	794517	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	1557812	20.000	ng	0.00
76) Chrysene-d12	21.521	240	1382119	20.000	ng	0.00
86) Perylene-d12	23.932	264	1491618	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	2871176	126.659	ng	0.00
7) Phenol-d6	7.092	99	3873495	127.518	ng	0.00
23) Nitrobenzene-d5	9.098	82	3662335	126.013	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	1259939	133.846	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	7873724	125.687	ng	0.00
79) Terphenyl-d14	19.962	244	10784047	125.083	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	581789	60.423	ng	98
3) Pyridine	3.787	79	1628114m	61.980	ng	
4) n-Nitrosodimethylamine	3.710	42	767733	62.394	ng	94
6) Aniline	7.257	93	1860117	62.897	ng	98
8) 2-Chlorophenol	7.486	128	1503508	63.750	ng	98
9) Benzaldehyde	7.069	77	845016m	50.394	ng	
10) Phenol	7.116	94	1883756	63.020	ng	99
11) bis(2-Chloroethyl)ether	7.357	93	1567152	61.839	ng	99
12) 1,3-Dichlorobenzene	7.810	146	1703964	61.060	ng	98
13) 1,4-Dichlorobenzene	7.957	146	1727081	61.158	ng	99
14) 1,2-Dichlorobenzene	8.275	146	1651699	60.887	ng	99
15) Benzyl Alcohol	8.169	79	1296883	65.075	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.457	45	2285089	60.454	ng	99
17) 2-Methylphenol	8.369	107	1219821	63.874	ng	99
18) Hexachloroethane	8.998	117	662937	62.428	ng	98
19) n-Nitroso-di-n-propyla...	8.745	70	1280494	62.744	ng	99
20) 3+4-Methylphenols	8.704	107	1671681	64.882	ng	99
22) Acetophenone	8.757	105	2334987	61.611	ng	99
24) Nitrobenzene	9.139	77	1799743	61.347	ng	98
25) Isophorone	9.663	82	3414861	63.119	ng	99
26) 2-Nitrophenol	9.845	139	665179	60.481	ng	99
27) 2,4-Dimethylphenol	9.904	122	1002874	65.386	ng	99
28) bis(2-Chloroethoxy)met...	10.157	93	2069203	62.215	ng	100
29) 2,4-Dichlorophenol	10.374	162	1316714	67.456	ng	100
30) 1,2,4-Trichlorobenzene	10.586	180	1523008	61.628	ng	99
31) Naphthalene	10.780	128	4875112	61.735	ng	100
32) Benzoic acid	10.063	122	731670	60.713	ng	95
33) 4-Chloroaniline	10.898	127	1853451	62.656	ng	99
34) Hexachlorobutadiene	11.051	225	898250	62.129	ng	99
35) Caprolactam	11.692	113	427397	65.493	ng	98
36) 4-Chloro-3-methylphenol	12.021	107	1430932	66.425	ng	96
37) 2-Methylnaphthalene	12.392	142	3345021	62.293	ng	99
38) 1-Methylnaphthalene	12.610	142	3270782	61.965	ng	100
40) 1,2,4,5-Tetrachloroben...	12.751	216	1579634	63.455	ng	100
41) Hexachlorocyclopentadiene	12.727	237	540464	68.589	ng	99
43) 2,4,6-Trichlorophenol	12.998	196	1000180	60.721	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.068	196	1110855	69.903	ng	98
46) 1,1'-Biphenyl	13.404	154	4116802	62.655	ng	100
47) 2-Chloronaphthalene	13.445	162	3231139	62.347	ng	99
48) 2-Nitroaniline	13.657	65	936208	61.069	ng	96
49) Acenaphthylene	14.292	152	4812733	63.237	ng	99
50) Dimethylphthalate	14.039	163	3728843	63.762	ng	99
51) 2,6-Dinitrotoluene	14.157	165	801928	68.752	ng	99
52) Acenaphthene	14.633	154	3038226	62.791	ng	99
53) 3-Nitroaniline	14.486	138	855622	68.575	ng	98
54) 2,4-Dinitrophenol	14.686	184	263762	61.583	ng	96
55) Dibenzofuran	14.968	168	4535074	61.573	ng	100
56) 4-Nitrophenol	14.786	139	686324	68.607	ng	95
57) 2,4-Dinitrotoluene	14.939	165	1072778	61.128	ng	99
58) Fluorene	15.615	166	3887907	62.864	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	882531	60.785	ng	99
60) Diethylphthalate	15.409	149	3875761	64.251	ng	99
61) 4-Chlorophenyl-phenyle...	15.621	204	1904932	62.478	ng	96
62) 4-Nitroaniline	15.651	138	888049	68.442	ng	98
63) Azobenzene	15.909	77	4019535	61.139	ng	99
65) 4,6-Dinitro-2-methylph...	15.698	198	406107	61.051	ng	97
66) n-Nitrosodiphenylamine	15.833	169	3168500	64.071	ng	99
67) 4-Bromophenyl-phenylether	16.515	248	1135993	64.078	ng	99
68) Hexachlorobenzene	16.609	284	1296729	62.817	ng	99
69) Atrazine	16.798	200	856271	64.507	ng	99
70) Pentachlorophenol	16.962	266	774290	60.474	ng	99
71) Phenanthrene	17.362	178	5405176	62.333	ng	100
72) Anthracene	17.451	178	5393258	63.150	ng	99
73) Carbazole	17.727	167	5108195	62.739	ng	100
74) Di-n-butylphthalate	18.309	149	6605504	68.895	ng	100
75) Fluoranthene	19.380	202	6211379	63.175	ng	99
77) Benzidine	19.580	184	1504577	87.996	ng	100
78) Pyrene	19.744	202	6497790	62.948	ng	99
80) Butylbenzylphthalate	20.668	149	2549643	60.613	ng	99
81) Benzo(a)anthracene	21.503	228	6139226	63.047	ng	99
82) 3,3'-Dichlorobenzidine	21.444	252	1944756	66.948	ng	97
83) Chrysene	21.556	228	5756557	61.973	ng	99
84) Bis(2-ethylhexyl)phtha...	21.456	149	4258943	60.568	ng	99
85) Di-n-octyl phthalate	22.409	149	6872003	60.576	ng	99
87) Indeno(1,2,3-cd)pyrene	26.444	276	7136345	64.737	ng	100
88) Benzo(b)fluoranthene	23.203	252	6269978	65.512	ng	99
89) Benzo(k)fluoranthene	23.250	252	6052378	64.035	ng	100
90) Benzo(a)pyrene	23.827	252	5422391	65.594	ng	100
91) Dibenzo(a,h)anthracene	26.473	278	5935074	64.833	ng	99
92) Benzo(g,h,i)perylene	27.215	276	5808141	63.846	ng	100

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

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