Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031324\
Data File : BM044602.D
Acq On : 13 Mar 2024 17:59
Operator : MA/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

Quant Time: Mar 14 01:57:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 01:48:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	221904	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	866713	20.000	ng	0.00
39) Acenaphthene-d10	14.351	164	481666	20.000	ng	0.00
64) Phenanthrene-d10	17.104	188	929636	20.000	ng	0.00
76) Chrysene-d12	21.304	240	801798	20.000	ng	0.00
86) Perylene-d12	23.550	264	925524	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	2401780	155.402	ng	0.00
7) Phenol-d6	6.881	99	3085924	155.201	ng	0.00
23) Nitrobenzene-d5	8.869	82	2814189	156.425	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	883691	166.339	ng	0.00
45) 2-Fluorobiphenyl	12.969	172	5261930	150.453	ng	0.00
79) Terphenyl-d14	19.751	244	6656148	145.223	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	500326	77.018	ng	99
3) Pyridine	3.675	79	1434586m	79.809	ng	
4) n-Nitrosodimethylamine	3.599	42	566194	78.643	ng	96
6) Aniline	7.052	93	1858123	78.904	ng	100
8) 2-Chlorophenol	7.269	128	1200027	77.954	ng	100
9) Benzaldehyde	6.863	77	693961	66.639	ng	98
10) Phenol	6.910	94	1552279	78.170	ng	99
11) bis(2-Chloroethyl)ether	7.152	93	1273261	78.532	ng	98
12) 1,3-Dichlorobenzene	7.593	146	1271076	76.791	ng	99
13) 1,4-Dichlorobenzene	7.740	146	1279072	76.671	ng	99
14) 1,2-Dichlorobenzene	8.051	146	1205204	75.754	ng	99
15) Benzyl Alcohol	7.951	79	1067999	81.700	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.240	45	1699558	75.607	ng	100
17) 2-Methylphenol	8.146	107	1070996	79.082	ng	100
18) Hexachloroethane	8.763	117	485479	78.718	ng	99
19) n-Nitroso-di-n-propyla...	8.522	70	962894	79.297	ng	100
20) 3+4-Methylphenols	8.481	107	1460331	79.905	ng	99
22) Acetophenone	8.534	105	1761799	77.373	ng	99
24) Nitrobenzene	8.910	77	1390024	78.162	ng	100
25) Isophorone	9.434	82	2532105	81.574	ng	99
26) 2-Nitrophenol	9.610	139	653915	85.213	ng	98
27) 2,4-Dimethylphenol	9.669	122	1080909	80.095	ng	99
28) bis(2-Chloroethoxy)met...	9.916	93	1614209	78.310	ng	100
29) 2,4-Dichlorophenol	10.134	162	1042221	81.030	ng	99
30) 1,2,4-Trichlorobenzene	10.345	180	1070911	78.265	ng	99
31) Naphthalene	10.534	128	3669802	77.152	ng	100
32) Benzoic acid	9.845	122	878930	79.074	ng	99
33) 4-Chloroaniline	10.657	127	1598899	80.125	ng	100
34) Hexachlorobutadiene	10.804	225	603353	79.085	ng	99
35) Caprolactam	11.475	113	354779m	85.453	ng	
36) 4-Chloro-3-methylphenol	11.781	107	1150144	81.490	ng	100
37) 2-Methylnaphthalene	12.151	142	2509816	77.741	ng	99
38) 1-Methylnaphthalene	12.375	142	2333371	77.550	ng	98
40) 1,2,4,5-Tetrachloroben...	12.522	216	1083904	79.298	ng	100
41) Hexachlorocyclopentadiene	12.492	237	663990	85.271	ng	100
43) 2,4,6-Trichlorophenol	12.769	196	773160	83.770	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.839	196	899068	82.210	ng	99
46) 1,1'-Biphenyl	13.181	154	2929183	77.755	ng	100
47) 2-Chloronaphthalene	13.222	162	2206090	79.193	ng	99
48) 2-Nitroaniline	13.439	65	802868	84.941	ng	98
49) Acenaphthylene	14.075	152	3599014	79.308	ng	100
50) Dimethylphthalate	13.828	163	2851432	79.146	ng	100
51) 2,6-Dinitrotoluene	13.945	165	617580	82.317	ng	99
52) Acenaphthene	14.416	154	2152722	78.474	ng	99
53) 3-Nitroaniline	14.275	138	750932	85.478	ng	100
54) 2,4-Dinitrophenol	14.480	184	391084	79.693	ng	98
55) Dibenzofuran	14.751	168	3292810	75.631	ng	98
56) 4-Nitrophenol	14.580	139	594334	82.374	ng	97
57) 2,4-Dinitrotoluene	14.733	165	830749	84.744	ng	98
58) Fluorene	15.404	166	2538989	74.886	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.980	232	682502	80.381	ng	99
60) Diethylphthalate	15.198	149	2916535	79.969	ng	99
61) 4-Chlorophenyl-phenyle...	15.404	204	1228833	75.497	ng	99
62) 4-Nitroaniline	15.451	138	754964	86.030	ng	96
63) Azobenzene	15.698	77	3028353	80.329	ng	99
65) 4,6-Dinitro-2-methylph...	15.498	198	500880	85.914	ng	96
66) n-Nitrosodiphenylamine	15.627	169	2293996	79.177	ng	100
67) 4-Bromophenyl-phenylether	16.304	248	779989	81.116	ng	99
68) Hexachlorobenzene	16.404	284	822203	80.438	ng	93
69) Atrazine	16.586	200	734545	81.134	ng	98
70) Pentachlorophenol	16.751	266	638600	86.855	ng	98
71) Phenanthrene	17.151	178	3953291	76.952	ng	100
72) Anthracene	17.239	178	4019274	78.006	ng	99
73) Carbazole	17.516	167	3816722	78.650	ng	100
74) Di-n-butylphthalate	18.092	149	5153846	82.421	ng	99
75) Fluoranthene	19.168	202	4450510	77.497	ng	100
77) Benzidine	19.368	184	1499961	74.550	ng	99
78) Pyrene	19.533	202	4644376	79.032	ng	99
80) Butylbenzylphthalate	20.451	149	2309018	87.184	ng	100
81) Benzo(a)anthracene	21.286	228	4362793	78.202	ng	100
82) 3,3'-Dichlorobenzidine	21.227	252	1481037	77.081	ng	99
83) Chrysene	21.339	228	4072919	76.401	ng	98
84) Bis(2-ethylhexyl)phtha...	21.233	149	3239100	81.181	ng	100
85) Di-n-octyl phthalate	22.121	149	6006307	86.784	ng	99
87) Indeno(1,2,3-cd)pyrene	25.839	276	5224021	78.079	ng	99
88) Benzo(b)fluoranthene	22.880	252	4428386	81.418	ng	99
89) Benzo(k)fluoranthene	22.927	252	4255943	76.115	ng	99
90) Benzo(a)pyrene	23.456	252	4249775	80.108	ng	100
91) Dibenzo(a,h)anthracene	25.850	278	4377577	77.609	ng	99
92) Benzo(g,h,i)perylene	26.527	276	4410472	79.432	ng	99

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

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