Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030823\
Data File : BM038933.D
Acq On : 08 Mar 2023 16:21
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023

Quant Time: Mar 09 05:04:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 04:48:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	370557	20.000	ng	0.00
21) Naphthalene-d8	10.810	136	1373104	20.000	ng	0.00
39) Acenaphthene-d10	14.633	164	751697	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	1462090	20.000	ng	0.00
76) Chrysene-d12	21.556	240	1316841	20.000	ng	0.00
86) Perylene-d12	24.003	264	1404166	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2918867	119.674	ng	0.00
7) Phenol-d6	7.151	99	3828576	120.850	ng	0.00
23) Nitrobenzene-d5	9.169	82	3529488	126.263	ng	0.00
42) 2,4,6-Tribromophenol	16.121	330	1142222	131.351	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	7007385	121.355	ng	0.00
79) Terphenyl-d14	19.998	244	8792233	122.073	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	630699	58.126	ng	99
3) Pyridine	3.816	79	1800666m	60.263	ng	
4) n-Nitrosodimethylamine	3.728	42	707317	57.761	ng	97
6) Aniline	7.322	93	2508688	60.310	ng	100
8) 2-Chlorophenol	7.557	128	1568859	60.419	ng	97
9) Benzaldehyde	7.128	77	810724	53.767	ng	99
10) Phenol	7.181	94	2023190	60.138	ng	99
11) bis(2-Chloroethyl)ether	7.416	93	1612544	58.954	ng	100
12) 1,3-Dichlorobenzene	7.881	146	1632904	59.174	ng	99
13) 1,4-Dichlorobenzene	8.034	146	1663709	59.281	ng	99
14) 1,2-Dichlorobenzene	8.351	146	1595716	59.027	ng	99
15) Benzyl Alcohol	8.240	79	1385891	61.033	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.534	45	2008937	58.153	ng	99
17) 2-Methylphenol	8.440	107	1396307	60.418	ng	99
18) Hexachloroethane	9.087	117	627449	60.595	ng	96
19) n-Nitroso-di-n-propyla...	8.816	70	1229056	61.593	ng	98
20) 3+4-Methylphenols	8.769	107	1866262	60.479	ng	98
22) Acetophenone	8.828	105	2367862	61.464	ng	98
24) Nitrobenzene	9.210	77	1833298	62.397	ng	97
25) Isophorone	9.739	82	3281825	63.798	ng	100
26) 2-Nitrophenol	9.922	139	796104	60.533	ng	96
27) 2,4-Dimethylphenol	9.981	122	1403386	62.612	ng	99
28) bis(2-Chloroethoxy)met...	10.222	93	2054746	62.167	ng	100
29) 2,4-Dichlorophenol	10.451	162	1371049	64.520	ng	100
30) 1,2,4-Trichlorobenzene	10.669	180	1437893	61.921	ng	99
31) Naphthalene	10.863	128	4776288	61.002	ng	100
32) Benzoic acid	10.128	122	1023494	60.536	ng	100
33) 4-Chloroaniline	10.969	127	2099645	62.925	ng	100
34) Hexachlorobutadiene	11.151	225	827940	62.174	ng	98
35) Caprolactam	11.763	113	423104	65.685	ng	100
36) 4-Chloro-3-methylphenol	12.086	107	1453445	64.232	ng	100
37) 2-Methylnaphthalene	12.469	142	3267624	62.266	ng	99
38) 1-Methylnaphthalene	12.686	142	3064271	62.308	ng	100
40) 1,2,4,5-Tetrachloroben...	12.833	216	1509874	61.786	ng	100
41) Hexachlorocyclopentadiene	12.816	237	877146	65.391	ng	99
43) 2,4,6-Trichlorophenol	13.069	196	1030263	65.106	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	1202190	64.904	ng	97
46) 1,1'-Biphenyl	13.474	154	3921503	61.580	ng	99
47) 2-Chloronaphthalene	13.516	162	2985822	62.178	ng	99
48) 2-Nitroaniline	13.716	65	955744	61.509	ng	95
49) Acenaphthylene	14.357	152	4870531	63.676	ng	99
50) Dimethylphthalate	14.098	163	3662025	63.310	ng	100
51) 2,6-Dinitrotoluene	14.210	165	796376	61.791	ng	99
52) Acenaphthene	14.698	154	2915425	62.018	ng	99
53) 3-Nitroaniline	14.539	138	936017	62.110	ng	95
54) 2,4-Dinitrophenol	14.739	184	446845	62.022	ng	93
55) Dibenzofuran	15.033	168	4525294	61.518	ng	100
56) 4-Nitrophenol	14.833	139	753730	65.612	ng	99
57) 2,4-Dinitrotoluene	14.992	165	1056410	62.115	ng	99
58) Fluorene	15.680	166	3602862	62.526	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.251	232	918469	64.296	ng	99
60) Diethylphthalate	15.457	149	3613801	64.210	ng	99
61) 4-Chlorophenyl-phenyle...	15.674	204	1785953	63.090	ng	98
62) 4-Nitroaniline	15.704	138	961568	62.621	ng	98
63) Azobenzene	15.968	77	3829071	64.298	ng	97
65) 4,6-Dinitro-2-methylph...	15.751	198	599473	60.864	ng	100
66) n-Nitrosodiphenylamine	15.886	169	3089831	62.687	ng	100
67) 4-Bromophenyl-phenylether	16.568	248	1009110	63.899	ng	99
68) Hexachlorobenzene	16.680	284	1103841	62.526	ng	99
69) Atrazine	16.839	200	873099	64.850	ng	99
70) Pentachlorophenol	17.021	266	840643	64.742	ng	99
71) Phenanthrene	17.421	178	5285812	61.598	ng	100
72) Anthracene	17.510	178	5403667	63.145	ng	99
73) Carbazole	17.780	167	4993129	63.932	ng	99
74) Di-n-butylphthalate	18.345	149	5913512	61.551	ng	100
75) Fluoranthene	19.433	202	5808936	64.114	ng	99
77) Benzidine	19.615	184	1761496	57.599	ng	99
78) Pyrene	19.792	202	6111851	61.795	ng	99
80) Butylbenzylphthalate	20.692	149	2583011	60.493	ng	99
81) Benzo(a)anthracene	21.539	228	5975473	63.011	ng	98
82) 3,3'-Dichlorobenzidine	21.474	252	1869217	64.134	ng	99
83) Chrysene	21.598	228	5738224	62.215	ng	100
84) Bis(2-ethylhexyl)phtha...	21.468	149	3752005	60.995	ng	99
85) Di-n-octyl phthalate	22.415	149	6305729	61.344	ng	99
87) Indeno(1,2,3-cd)pyrene	26.562	276	6871340	64.310	ng	100
88) Benzo(b)fluoranthene	23.256	252	5589553	62.309	ng	99
89) Benzo(k)fluoranthene	23.309	252	6017665	64.458	ng	99
90) Benzo(a)pyrene	23.897	252	5604772	64.918	ng	99
91) Dibenzo(a,h)anthracene	26.585	278	5783795	63.919	ng	100
92) Benzo(g,h,i)perylene	27.350	276	5684653	64.213	ng	100

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

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