Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041723\
Data File : BM039447.D
Acq On : 17 Apr 2023 19:04
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

Quant Time: Apr 18 02:59:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 02:48:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	206859	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	884997	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	557042	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	1194114	20.000	ng	0.00
76) Chrysene-d12	21.445	240	1065014	20.000	ng	0.00
86) Perylene-d12	23.821	264	1230981	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1932875	152.663	ng	0.00
7) Phenol-d6	7.040	99	2913249	156.568	ng	0.00
23) Nitrobenzene-d5	9.022	82	2882875	159.521	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	1138853	157.552	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	6129696	152.255	ng	0.00
79) Terphenyl-d14	19.886	244	8797551	149.022	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.257	88	371142	70.957	ng	100
3) Pyridine	3.669	79	1232232m	80.015	ng	
4) n-Nitrosodimethylamine	3.587	42	482888	76.918	ng	97
6) Aniline	7.175	93	1851186	78.858	ng	100
8) 2-Chlorophenol	7.410	128	1084136	75.505	ng	99
10) Phenol	7.069	94	1445803	79.210	ng	98
11) bis(2-Chloroethyl)ether	7.275	93	1179518	75.348	ng	98
12) 1,3-Dichlorobenzene	7.728	146	1096884	73.314	ng	100
13) 1,4-Dichlorobenzene	7.875	146	1105986	73.736	ng	99
14) 1,2-Dichlorobenzene	8.192	146	1071289	71.917	ng	100
15) Benzyl Alcohol	8.098	79	1077653	79.459	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.381	45	1586084	71.823	ng	100
17) 2-Methylphenol	8.310	107	1035840	76.858	ng	99
18) Hexachloroethane	8.916	117	434948	72.932	ng	99
19) n-Nitroso-di-n-propyla...	8.663	70	1024379	72.759	ng	98
20) 3+4-Methylphenols	8.645	107	1449399	78.237	ng	97
22) Acetophenone	8.681	105	1838137	78.380	ng	98
24) Nitrobenzene	9.063	77	1421672	79.873	ng	99
25) Isophorone	9.592	82	2948913	78.787	ng	99
26) 2-Nitrophenol	9.769	139	687670	85.614	ng	99
27) 2,4-Dimethylphenol	9.845	122	1124783	81.031	ng	99
28) bis(2-Chloroethoxy)met...	10.069	93	1681228	79.021	ng	99
29) 2,4-Dichlorophenol	10.316	162	1113433	82.843	ng	99
30) 1,2,4-Trichlorobenzene	10.516	180	1115495	78.414	ng	100
31) Naphthalene	10.704	128	3683616	77.032	ng	99
32) Benzoic acid	10.075	122	959536	80.924	ng	99
33) 4-Chloroaniline	10.828	127	1693181	83.815	ng	99
34) Hexachlorobutadiene	10.980	225	653210	77.320	ng	99
35) Caprolactam	11.669	113	444335	82.865	ng	99
36) 4-Chloro-3-methylphenol	11.975	107	1338089	81.793	ng	99
37) 2-Methylnaphthalene	12.316	142	2751119	78.285	ng	100
38) 1-Methylnaphthalene	12.539	142	2578795	77.873	ng	100
40) 1,2,4,5-Tetrachloroben...	12.686	216	1303629	80.235	ng	99
41) Hexachlorocyclopentadiene	12.657	237	724552	80.591	ng	97
43) 2,4,6-Trichlorophenol	12.939	196	935195	83.551	ng	98
44) 2,4,5-Trichlorophenol	13.022	196	1102335	83.332	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.333	154	3329363	77.581	ng	99
47) 2-Chloronaphthalene	13.374	162	2498255	78.309	ng	100
48) 2-Nitroaniline	13.598	65	930414	85.290	ng	96
49) Acenaphthylene	14.227	152	4217738	77.291	ng	100
50) Dimethylphthalate	13.974	163	3510111	77.845	ng	100
51) 2,6-Dinitrotoluene	14.098	165	770749	80.399	ng	99
52) Acenaphthene	14.568	154	2495528	77.237	ng	99
53) 3-Nitroaniline	14.433	138	856803	87.588	ng	97
54) 2,4-Dinitrophenol	14.639	184	485729	80.753	ng	99
55) Dibenzofuran	14.904	168	3947938	76.041	ng	99
56) 4-Nitrophenol	14.763	139	641501	80.575	ng	98
57) 2,4-Dinitrotoluene	14.886	165	1077872	82.259	ng	100
58) Fluorene	15.551	166	3190078	75.758	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.133	232	869615	79.816	ng	98
60) Diethylphthalate	15.333	149	3576009	76.495	ng	100
61) 4-Chlorophenyl-phenyle...	15.545	204	1586325	76.004	ng	99
62) 4-Nitroaniline	15.604	138	784921	80.286	ng	99
63) Azobenzene	15.839	77	3507724	77.000	ng	99
65) 4,6-Dinitro-2-methylph...	15.651	198	661650	88.490	ng	97
66) n-Nitrosodiphenylamine	15.768	169	2808863	77.586	ng	100
67) 4-Bromophenyl-phenylether	16.439	248	999969	79.552	ng	99
68) Hexachlorobenzene	16.557	284	1061008	77.733	ng	96
69) Atrazine	16.727	200	913555	75.218	ng	100
70) Pentachlorophenol	16.910	266	815932	85.602	ng	99
71) Phenanthrene	17.298	178	5018303	77.500	ng	100
72) Anthracene	17.386	178	5118750	77.065	ng	100
73) Carbazole	17.668	167	4784436	79.197	ng	100
74) Di-n-butylphthalate	18.221	149	6542123	77.904	ng	100
75) Fluoranthene	19.315	202	6090834	77.532	ng	99
77) Benzidine	19.509	184	1886849	78.186	ng	100
78) Pyrene	19.680	202	6300564	80.444	ng	99
80) Butylbenzylphthalate	20.580	149	3155411	81.245	ng	95
81) Benzo(a)anthracene	21.433	228	5871992	77.638	ng	99
82) 3,3'-Dichlorobenzidine	21.368	252	1926468	77.165	ng	99
83) Chrysene	21.486	228	5587162	76.216	ng	99
84) Bis(2-ethylhexyl)phtha...	21.350	149	4598491	77.673	ng	99
85) Di-n-octyl phthalate	22.268	149	7916488	77.760	ng	99
87) Indeno(1,2,3-cd)pyrene	26.315	276	7069946	78.160	ng	99
88) Benzo(b)fluoranthene	23.103	252	5936044	79.090	ng	99
89) Benzo(k)fluoranthene	23.156	252	5963440	75.999	ng	99
90) Benzo(a)pyrene	23.727	252	5873161	78.735	ng	100
91) Dibenzo(a,h)anthracene	26.327	278	5810376	77.280	ng	99
92) Benzo(g,h,i)perylene	27.074	276	5802661	77.864	ng	99

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

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