Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039096.D
Acq On : 22 Mar 2023 17:31
Operator : CG/JU
Sample : 02002-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
031023-3MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023

Quant Time: Mar 23 04:24:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 03:36:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.969	152	285046	20.000	ng		0.00
21) Naphthalene-d8	10.781	136	1090116	20.000	ng		0.00
39) Acenaphthene-d10	14.610	164	600638	20.000	ng		0.00
64) Phenanthrene-d10	17.351	188	1212342	20.000	ng		0.00
76) Chrysene-d12	21.533	240	1109410	20.000	ng		0.00
86) Perylene-d12	23.962	264	1251608	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	2469390	131.618	ng		0.00
7) Phenol-d6	7.134	99	2861289	117.412	ng		0.00
23) Nitrobenzene-d5	9.140	82	1990283	89.683	ng		0.00
42) 2,4,6-Tribromophenol	16.098	330	1015935	146.211	ng		0.00
45) 2-Fluorobiphenyl	13.233	172	3987278	86.419	ng		0.00
79) Terphenyl-d14	19.974	244	5657439	93.236	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.405	88	358660	42.970	ng	#	42
3) Pyridine	3.810	79	711607	30.741	ng		98
4) n-Nitrosodimethylamine	3.710	42	422257	44.826	ng		97
6) Aniline	7.298	93	725061	22.660	ng		100
8) 2-Chlorophenol	7.528	128	974364	48.781	ng		99
9) Benzaldehyde	7.104	77	293290	25.291	ng		99
10) Phenol	7.157	94	1125128	43.476	ng		99
11) bis(2-Chloroethyl)ether	7.393	93	1038791	49.371	ng		99
12) 1,3-Dichlorobenzene	7.857	146	1050858	49.505	ng		98
13) 1,4-Dichlorobenzene	8.004	146	1077406	49.906	ng		99
14) 1,2-Dichlorobenzene	8.322	146	1033677	49.707	ng		100
15) Benzyl Alcohol	8.210	79	848651m	48.586	ng		
16) 2,2'-oxybis(1-Chloropr...	8.504	45	1282944	48.280	ng		100
17) 2-Methylphenol	8.416	107	799085	44.949	ng		99
18) Hexachloroethane	9.051	117	406330	51.013	ng		97
19) n-Nitroso-di-n-propyla...	8.781	70	746377	48.625	ng		99
20) 3+4-Methylphenols	8.745	107	1063659	44.810	ng		98
22) Acetophenone	8.798	105	1499042	49.013	ng	#	98
24) Nitrobenzene	9.181	77	1106113	47.420	ng		99
25) Isophorone	9.710	82	2009763	49.212	ng		100
26) 2-Nitrophenol	9.892	139	507201	49.168	ng		97
27) 2,4-Dimethylphenol	9.951	122	885644	49.771	ng		98
28) bis(2-Chloroethoxy)met...	10.192	93	1253799	47.781	ng		99
29) 2,4-Dichlorophenol	10.428	162	852182	50.513	ng		100
30) 1,2,4-Trichlorobenzene	10.645	180	893266	48.453	ng		100
31) Naphthalene	10.834	128	2920261	46.979	ng		100
32) Benzoic acid	10.087	122	593915	45.790	ng		98
33) 4-Chloroaniline	10.951	127	351650	13.274	ng		99
34) Hexachlorobutadiene	11.116	225	508791	48.126	ng		99
35) Caprolactam	11.739	113	234392	45.649	ng		97
36) 4-Chloro-3-methylphenol	12.063	107	889134	49.494	ng		98
37) 2-Methylnaphthalene	12.439	142	1909076	45.822	ng		99
38) 1-Methylnaphthalene	12.657	142	1776876	45.510	ng		100
40) 1,2,4,5-Tetrachloroben...	12.804	216	948267	48.563	ng		99
41) Hexachlorocyclopentadiene	12.786	237	1107230	103.303	ng		99
43) 2,4,6-Trichlorophenol	13.045	196	638792	50.520	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	693737	46.873	ng	97
46) 1,1'-Biphenyl	13.445	154	2480003	48.738	ng	100
47) 2-Chloronaphthalene	13.486	162	1879863	48.992	ng	99
48) 2-Nitroaniline	13.692	65	610964	49.652	ng	96
49) Acenaphthylene	14.333	152	2969996	48.594	ng	100
50) Dimethylphthalate	14.069	163	2281437	49.362	ng	99
51) 2,6-Dinitrotoluene	14.186	165	500989	48.972	ng	99
52) Acenaphthene	14.674	154	1789301	47.637	ng	99
53) 3-Nitroaniline	14.516	138	526974	44.231	ng	97
54) 2,4-Dinitrophenol	14.722	184	671521	112.076	ng	90
55) Dibenzofuran	15.004	168	2798117	47.605	ng	99
56) 4-Nitrophenol	14.822	139	931939	101.528	ng	99
57) 2,4-Dinitrotoluene	14.969	165	681031	50.515	ng	99
58) Fluorene	15.657	166	2259216	49.068	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.233	232	587846	51.501	ng	99
60) Diethylphthalate	15.427	149	2299357	51.130	ng	99
61) 4-Chlorophenyl-phenyle...	15.645	204	1084783	47.958	ng	97
62) 4-Nitroaniline	15.680	138	580967	47.777	ng	97
63) Azobenzene	15.939	77	2356789	49.529	ng	99
65) 4,6-Dinitro-2-methylph...	15.733	198	404166	50.439	ng	93
66) n-Nitrosodiphenylamine	15.863	169	1930155	47.226	ng	99
67) 4-Bromophenyl-phenylether	16.539	248	634837	48.481	ng	95
68) Hexachlorobenzene	16.657	284	730246	49.885	ng	99
69) Atrazine	16.816	200	598049	53.571	ng	98
70) Pentachlorophenol	17.004	266	1004022	93.253	ng	99
71) Phenanthrene	17.398	178	3419693	48.061	ng	100
72) Anthracene	17.486	178	3458105	48.735	ng	100
73) Carbazole	17.757	167	3312350	51.148	ng	99
74) Di-n-butylphthalate	18.321	149	4013684	50.709	ng	99
75) Fluoranthene	19.409	202	3774429	50.241	ng	99
77) Benzidine	19.598	184	828303	34.303	ng	98
78) Pyrene	19.768	202	3998874	47.991	ng	100
80) Butylbenzylphthalate	20.668	149	1818153	51.087	ng	98
81) Benzo(a)anthracene	21.515	228	3898443	48.795	ng	99
82) 3,3'-Dichlorobenzidine	21.451	252	988491	40.257	ng	99
83) Chrysene	21.574	228	3685874	47.435	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	2691033	52.296	ng	100
85) Di-n-octyl phthalate	22.380	149	4713827	54.860	ng	99
87) Indeno(1,2,3-cd)pyrene	26.503	276	4919781	51.658	ng	99
88) Benzo(b)fluoranthene	23.227	252	4222077	52.802	ng	99
89) Benzo(k)fluoranthene	23.274	252	3957396	47.556	ng	100
90) Benzo(a)pyrene	23.856	252	3582603	46.554	ng	100
91) Dibenzo(a,h)anthracene	26.521	278	4163066	51.616	ng	98
92) Benzo(g,h,i)perylene	27.285	276	4052925	51.362	ng	99

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

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