Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
Data File : BM039378.D
Acq On : 10 Apr 2023 15:27
Operator : CG/JU
Sample : 02260-10MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-1DMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

Quant Time: Apr 11 02:10:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 11 02:05:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	250860	20.000	ng		0.00
21) Naphthalene-d8	10.680	136	965286	20.000	ng		0.00
39) Acenaphthene-d10	14.521	164	497743	20.000	ng		0.00
64) Phenanthrene-d10	17.268	188	876275	20.000	ng		0.00
76) Chrysene-d12	21.462	240	654856	20.000	ng		0.00
86) Perylene-d12	23.850	264	757682	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1623963	97.531	ng		0.00
7) Phenol-d6	7.045	99	2163763	100.470	ng		0.00
23) Nitrobenzene-d5	9.039	82	1176980	59.261	ng		0.00
42) 2,4,6-Tribromophenol	16.015	330	538909	85.292	ng		0.00
45) 2-Fluorobiphenyl	13.145	172	2274192	61.906	ng		0.00
79) Terphenyl-d14	19.897	244	2283820	64.434	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	324960	47.747	ng		97
3) Pyridine	3.699	79	814468	42.717	ng		98
4) n-Nitrosodimethylamine	3.610	42	382931	51.139	ng		94
6) Aniline	7.198	93	987531	37.048	ng		98
8) 2-Chlorophenol	7.434	128	851169	49.945	ng		96
9) Benzaldehyde	7.010	77	448048	36.531	ng		98
10) Phenol	7.075	94	1108911	51.380	ng		98
11) bis(2-Chloroethyl)ether	7.298	93	862630	49.683	ng		100
12) 1,3-Dichlorobenzene	7.757	146	912652	50.497	ng		99
13) 1,4-Dichlorobenzene	7.904	146	912846	49.951	ng		99
14) 1,2-Dichlorobenzene	8.222	146	886325	50.720	ng		99
15) Benzyl Alcohol	8.122	79	721663	48.719	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.410	45	1164659m	52.443	ng		
17) 2-Methylphenol	8.328	107	695505	46.060	ng		99
18) Hexachloroethane	8.945	117	353281	49.975	ng		97
19) n-Nitroso-di-n-propyla...	8.686	70	655779	47.634	ng		96
20) 3+4-Methylphenols	8.657	107	928779	45.774	ng		98
22) Acetophenone	8.704	105	1262806	48.928	ng	#	98
24) Nitrobenzene	9.086	77	948345	48.006	ng		99
25) Isophorone	9.610	82	1716656	46.332	ng		98
26) 2-Nitrophenol	9.798	139	425960	46.645	ng		100
27) 2,4-Dimethylphenol	9.863	122	738186	48.652	ng		100
28) bis(2-Chloroethoxy)met...	10.098	93	1071749	47.784	ng		100
29) 2,4-Dichlorophenol	10.333	162	717034	48.436	ng		99
30) 1,2,4-Trichlorobenzene	10.539	180	775904	48.991	ng		99
31) Naphthalene	10.727	128	2463599	47.365	ng		100
32) Benzoic acid	10.028	122	485578	41.061	ng		98
33) 4-Chloroaniline	10.851	127	312816	13.728	ng		97
34) Hexachlorobutadiene	11.010	225	450354	48.359	ng		99
35) Caprolactam	11.657	113	198996	38.714	ng		90
36) 4-Chloro-3-methylphenol	11.980	107	731485	44.785	ng		97
37) 2-Methylnaphthalene	12.345	142	1601251	44.223	ng		99
38) 1-Methylnaphthalene	12.563	142	1497441	44.167	ng		100
40) 1,2,4,5-Tetrachloroben...	12.710	216	803511	53.021	ng		99
41) Hexachlorocyclopentadiene	12.686	237	1072590	129.554	ng		99
43) 2,4,6-Trichlorophenol	12.957	196	509749	49.322	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.033	196	542670	44.789	ng	97
46)	1,1'-Biphenyl	13.357	154	2028864	51.618	ng	99
47)	2-Chloronaphthalene	13.398	162	1526162	51.281	ng	99
48)	2-Nitroaniline	13.616	65	445056	44.438	ng	97
49)	Acenaphthylene	14.245	152	2350464	48.053	ng	100
50)	Dimethylphthalate	13.986	163	1727339	45.030	ng	100
51)	2,6-Dinitrotoluene	14.110	165	372804	45.194	ng	93
52)	Acenaphthene	14.586	154	1387261	48.031	ng	100
53)	3-Nitroaniline	14.445	138	208885	21.904	ng	95
54)	2,4-Dinitrophenol	14.651	184	418582	85.684	ng	99
55)	Dibenzofuran	14.921	168	2155093	46.346	ng	99
56)	4-Nitrophenol	14.757	139	566201	76.996	ng	91
57)	2,4-Dinitrotoluene	14.898	165	475479	42.609	ng	91
58)	Fluorene	15.574	166	1689468	45.883	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.151	232	436558	45.292	ng	99
60)	Diethylphthalate	15.351	149	1661356	43.029	ng	100
61)	4-Chlorophenyl-phenyle...	15.568	204	837976	45.921	ng	99
62)	4-Nitroaniline	15.604	138	308546	31.529	ng	95
63)	Azobenzene	15.862	77	1881072	48.628	ng	98
65)	4,6-Dinitro-2-methylph...	15.662	198	267640	46.426	ng	97
66)	n-Nitrosodiphenylamine	15.786	169	1396395	50.570	ng	99
67)	4-Bromophenyl-phenylether	16.462	248	462649	49.438	ng	99
68)	Hexachlorobenzene	16.574	284	538334	53.054	ng	98
69)	Atrazine	16.739	200	419893	48.012	ng	99
70)	Pentachlorophenol	16.921	266	653307	89.741	ng	99
71)	Phenanthrene	17.315	178	2339842	48.755	ng	100
72)	Anthracene	17.404	178	2384885	48.734	ng	100
73)	Carbazole	17.680	167	2050536	44.843	ng	100
74)	Di-n-butylphthalate	18.239	149	2577404	45.566	ng	100
75)	Fluoranthene	19.333	202	2424685	44.321	ng	100
77)	Benzidine	19.527	184	955432	55.314	ng	100
78)	Pyrene	19.697	202	2501436	53.657	ng	100
80)	Butylbenzylphthalate	20.597	149	999672	46.807	ng	97
81)	Benzo(a)anthracene	21.444	228	2186976	47.353	ng	99
82)	3,3'-Dichlorobenzidine	21.380	252	575069	37.378	ng	99
83)	Chrysene	21.497	228	2148109	48.180	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.368	149	1434750	45.486	ng	98
85)	Di-n-octyl phthalate	22.291	149	2429474	42.750	ng	98
87)	Indeno(1,2,3-cd)pyrene	26.332	276	3034372	54.354	ng	100
88)	Benzo(b)fluoranthene	23.121	252	2242089	48.362	ng	100
89)	Benzo(k)fluoranthene	23.168	252	2322460	49.180	ng	99
90)	Benzo(a)pyrene	23.744	252	2074649	45.553	ng	99
91)	Dibenzo(a,h)anthracene	26.344	278	2536949	54.120	ng	100
92)	Benzo(g,h,i)perylene	27.091	276	2626221	56.968	ng	99

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

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