Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032423\
Data File : BM039145.D
Acq On : 24 Mar 2023 17:13
Operator : CG/JU
Sample : 02047-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
R-PITMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

Quant Time: Mar 25 01:05:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 24 15:04:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.951	152	285758	20.000	ng		0.00
21) Naphthalene-d8	10.763	136	1084512	20.000	ng		0.00
39) Acenaphthene-d10	14.598	164	548352	20.000	ng		0.00
64) Phenanthrene-d10	17.339	188	979248	20.000	ng		0.00
76) Chrysene-d12	21.521	240	730737	20.000	ng		0.00
86) Perylene-d12	23.944	264	795514	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	1334794	70.967	ng		0.00
7) Phenol-d6	7.122	99	1688841	69.128	ng		0.00
23) Nitrobenzene-d5	9.122	82	1052131	47.654	ng		0.00
42) 2,4,6-Tribromophenol	16.086	330	426314	67.204	ng		0.00
45) 2-Fluorobiphenyl	13.222	172	1991052	47.268	ng		0.00
79) Terphenyl-d14	19.956	244	1952818	48.860	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	333448	39.850	ng		99
3) Pyridine	3.787	79	828287	35.692	ng		99
4) n-Nitrosodimethylamine	3.693	42	388367	41.126	ng		92
6) Aniline	7.275	93	1032286	32.181	ng		99
8) 2-Chlorophenol	7.516	128	952342	47.560	ng		98
9) Benzaldehyde	7.087	77	633245	54.470	ng		97
10) Phenol	7.145	94	1189220	45.838	ng		98
11) bis(2-Chloroethyl)ether	7.375	93	937551	44.448	ng		98
12) 1,3-Dichlorobenzene	7.840	146	1023447	48.094	ng		98
13) 1,4-Dichlorobenzene	7.987	146	1035102	47.827	ng		99
14) 1,2-Dichlorobenzene	8.304	146	992478	47.607	ng		98
15) Benzyl Alcohol	8.198	79	801458m	45.769	ng		
16) 2,2'-oxybis(1-Chloropr...	8.492	45	1173335	44.045	ng		99
17) 2-Methylphenol	8.404	107	764471	42.895	ng		98
18) Hexachloroethane	9.034	117	392701	49.179	ng		96
19) n-Nitroso-di-n-propyla...	8.769	70	676622	43.971	ng		98
20) 3+4-Methylphenols	8.734	107	1021860	42.942	ng		99
22) Acetophenone	8.787	105	1384876	45.514	ng	#	98
24) Nitrobenzene	9.163	77	1005391	43.325	ng		98
25) Isophorone	9.692	82	1809348	44.533	ng		100
26) 2-Nitrophenol	9.875	139	499169	48.671	ng		95
27) 2,4-Dimethylphenol	9.939	122	827937	46.768	ng		100
28) bis(2-Chloroethoxy)met...	10.175	93	1137574	43.576	ng		100
29) 2,4-Dichlorophenol	10.416	162	789124	47.017	ng		98
30) 1,2,4-Trichlorobenzene	10.628	180	858432	46.804	ng		99
31) Naphthalene	10.816	128	2712172	43.857	ng		99
32) Benzoic acid	10.086	122	606089	46.822	ng		99
33) 4-Chloroaniline	10.928	127	283653	10.763	ng		99
34) Hexachlorobutadiene	11.098	225	494526	47.018	ng		99
35) Caprolactam	11.728	113	233130	45.638	ng		95
36) 4-Chloro-3-methylphenol	12.057	107	791916	44.310	ng		100
37) 2-Methylnaphthalene	12.422	142	1754460	42.328	ng		99
38) 1-Methylnaphthalene	12.645	142	1638049	42.171	ng		99
40) 1,2,4,5-Tetrachloroben...	12.792	216	869720	48.788	ng		99
41) Hexachlorocyclopentadiene	12.769	237	1186616	121.266	ng		99
43) 2,4,6-Trichlorophenol	13.033	196	569266	49.314	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.104	196	602025	44.555	ng	97
46) 1,1'-Biphenyl	13.433	154	2168346	46.676	ng	98
47) 2-Chloronaphthalene	13.474	162	1658182	47.336	ng	99
48) 2-Nitroaniline	13.680	65	488383	43.750	ng	93
49) Acenaphthylene	14.322	152	2521604	45.191	ng	100
50) Dimethylphthalate	14.057	163	1832009	43.418	ng	100
51) 2,6-Dinitrotoluene	14.174	165	405220	43.561	ng	96
52) Acenaphthene	14.663	154	1484937	43.303	ng	99
53) 3-Nitroaniline	14.504	138	260043	24.638	ng	96
54) 2,4-Dinitrophenol	14.710	184	508681	93.877	ng	92
55) Dibenzofuran	14.992	168	2309270	43.034	ng	99
56) 4-Nitrophenol	14.816	139	754565	90.042	ng	97
57) 2,4-Dinitrotoluene	14.963	165	532020	43.524	ng	94
58) Fluorene	15.645	166	1783838	42.438	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.221	232	474695	45.553	ng	97
60) Diethylphthalate	15.416	149	1755896	42.768	ng	99
61) 4-Chlorophenyl-phenyle...	15.633	204	875780	42.410	ng	99
62) 4-Nitroaniline	15.668	138	420738	38.261	ng	97
63) Azobenzene	15.927	77	1893216	43.580	ng	97
65) 4,6-Dinitro-2-methylph...	15.721	198	303708	47.279	ng	95
66) n-Nitrosodiphenylamine	15.851	169	1507096	45.652	ng	99
67) 4-Bromophenyl-phenylether	16.527	248	503696	47.622	ng	98
68) Hexachlorobenzene	16.645	284	569190	48.139	ng	99
69) Atrazine	16.804	200	467976	51.898	ng	98
70) Pentachlorophenol	16.992	266	727672	83.674	ng	99
71) Phenanthrene	17.386	178	2585986	44.995	ng	99
72) Anthracene	17.474	178	2579737	45.010	ng	100
73) Carbazole	17.745	167	2331478	44.571	ng	100
74) Di-n-butylphthalate	18.309	149	2792469	43.927	ng	99
75) Fluoranthene	19.398	202	2615356	43.099	ng	99
77) Benzidine	19.580	184	1063001	62.212	ng	98
78) Pyrene	19.756	202	2693919	49.084	ng	100
80) Butylbenzylphthalate	20.656	149	1124412	48.169	ng	96
81) Benzo(a)anthracene	21.503	228	2433227	46.238	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	641835	39.685	ng	99
83) Chrysene	21.556	228	2272248	44.396	ng	100
84) Bis(2-ethylhexyl)phtha...	21.427	149	1582494	46.957	ng	100
85) Di-n-octyl phthalate	22.362	149	2673703	47.769	ng	98
87) Indeno(1,2,3-cd)pyrene	26.480	276	3128158	51.677	ng	100
88) Benzo(b)fluoranthene	23.209	252	2395925	47.143	ng	100
89) Benzo(k)fluoranthene	23.256	252	2295187	43.394	ng	100
90) Benzo(a)pyrene	23.839	252	2132852	43.605	ng	100
91) Dibenzo(a,h)anthracene	26.497	278	2588798	50.499	ng	99
92) Benzo(g,h,i)perylene	27.262	276	2652131	52.879	ng	99

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

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