Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032323\
Data File : BM039126.D
Acq On : 23 Mar 2023 21:20
Operator : CG/JU
Sample : 02016-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 24 04:34:00 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

Instrument :
BNA_M
ClientSampleId :
032023-1MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
03/24/2023
Supervised By :Jagrut Upadhyay
03/24/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.957	152	230391	20.000	ng		-0.01
21) Naphthalene-d8	10.775	136	864770	20.000	ng		0.00
39) Acenaphthene-d10	14.604	164	446271	20.000	ng		0.00
64) Phenanthrene-d10	17.345	188	833174	20.000	ng		0.00
76) Chrysene-d12	21.527	240	815140	20.000	ng		0.00
86) Perylene-d12	23.956	264	1016905	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1686625	111.223	ng		0.00
7) Phenol-d6	7.128	99	2107925	107.017	ng		0.00
23) Nitrobenzene-d5	9.128	82	1260267	71.586	ng		-0.01
42) 2,4,6-Tribromophenol	16.092	330	586409	113.587	ng		0.00
45) 2-Fluorobiphenyl	13.227	172	2401887	70.064	ng		0.00
79) Terphenyl-d14	19.962	244	2675914	60.020	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	285620	42.337	ng		99
3) Pyridine	3.793	79	722387	38.610	ng		99
4) n-Nitrosodimethylamine	3.699	42	316093	41.517	ng		90
6) Aniline	7.287	93	756668	29.258	ng		99
8) 2-Chlorophenol	7.522	128	774297	47.961	ng		98
9) Benzaldehyde	7.092	77	543439	57.979	ng		97
10) Phenol	7.151	94	959491	45.871	ng		98
11) bis(2-Chloroethyl)ether	7.381	93	780199	45.877	ng		98
12) 1,3-Dichlorobenzene	7.845	146	863621	50.336	ng		98
13) 1,4-Dichlorobenzene	7.998	146	871377	49.938	ng		99
14) 1,2-Dichlorobenzene	8.316	146	832156	49.509	ng		99
15) Benzyl Alcohol	8.204	79	639009m	45.262	ng		
16) 2,2'-oxybis(1-Chloropr...	8.492	45	979630	45.611	ng		99
17) 2-Methylphenol	8.410	107	621722	43.269	ng		99
18) Hexachloroethane	9.045	117	328968	51.098	ng		93
19) n-Nitroso-di-n-propyla...	8.775	70	559467	45.095	ng		97
20) 3+4-Methylphenols	8.739	107	829243	43.222	ng		99
22) Acetophenone	8.792	105	1141543	47.050	ng	#	97
24) Nitrobenzene	9.169	77	832608	44.996	ng		98
25) Isophorone	9.698	82	1513904	46.730	ng		100
26) 2-Nitrophenol	9.886	139	402990	49.241	ng		94
27) 2,4-Dimethylphenol	9.945	122	671198	47.548	ng		98
28) bis(2-Chloroethoxy)met...	10.180	93	953824	45.822	ng		100
29) 2,4-Dichlorophenol	10.422	162	651799	48.703	ng		99
30) 1,2,4-Trichlorobenzene	10.633	180	717158	49.038	ng		100
31) Naphthalene	10.822	128	2247131	45.571	ng		100
32) Benzoic acid	10.075	122	429873	42.281	ng		99
33) 4-Chloroaniline	10.933	127	244908	11.654	ng		98
34) Hexachlorobutadiene	11.104	225	418077	49.850	ng		99
35) Caprolactam	11.727	113	180634	44.347	ng		100
36) 4-Chloro-3-methylphenol	12.063	107	657297	46.123	ng		100
37) 2-Methylnaphthalene	12.427	142	1458610	44.133	ng		99
38) 1-Methylnaphthalene	12.651	142	1353724	43.707	ng		99
40) 1,2,4,5-Tetrachloroben...	12.798	216	731170	50.398	ng		100
41) Hexachlorocyclopentadiene	12.774	237	788393	99.000	ng		98
43) 2,4,6-Trichlorophenol	13.039	196	471840	50.224	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	501056	45.565	ng	97
46) 1,1'-Biphenyl	13.439	154	1838026	48.616	ng	100
47) 2-Chloronaphthalene	13.480	162	1384089	48.549	ng	99
48) 2-Nitroaniline	13.686	65	410361	45.098	ng	93
49) Acenaphthylene	14.327	152	2129209	46.888	ng	100
50) Dimethylphthalate	14.063	163	1596790	46.499	ng	100
51) 2,6-Dinitrotoluene	14.180	165	349346	46.055	ng	96
52) Acenaphthene	14.668	154	1270595	45.528	ng	99
53) 3-Nitroaniline	14.510	138	236006	27.292	ng	93
54) 2,4-Dinitrophenol	14.715	184	277769	64.696	ng	91
55) Dibenzofuran	14.998	168	1957061	44.813	ng	100
56) 4-Nitrophenol	14.821	139	654281	95.935	ng	95
57) 2,4-Dinitrotoluene	14.968	165	463307	46.427	ng	94
58) Fluorene	15.651	166	1529714	44.716	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.227	232	401859	47.385	ng	98
60) Diethylphthalate	15.421	149	1576783	47.190	ng	99
61) 4-Chlorophenyl-phenyle...	15.639	204	756674	45.024	ng	98
62) 4-Nitroaniline	15.668	138	356880	39.803	ng	97
63) Azobenzene	15.933	77	1613349	45.633	ng	98
65) 4,6-Dinitro-2-methylph...	15.727	198	196661	37.198	ng	94
66) n-Nitrosodiphenylamine	15.857	169	1297981	46.211	ng	99
67) 4-Bromophenyl-phenylether	16.533	248	436707	48.527	ng	97
68) Hexachlorobenzene	16.651	284	494583	49.162	ng	99
69) Atrazine	16.809	200	419382	54.663	ng	99
70) Pentachlorophenol	16.998	266	632377	85.465	ng	99
71) Phenanthrene	17.392	178	2247606	45.964	ng	99
72) Anthracene	17.480	178	2270589	46.562	ng	100
73) Carbazole	17.751	167	2104719	47.291	ng	100
74) Di-n-butylphthalate	18.315	149	2620397	48.262	ng	99
75) Fluoranthene	19.403	202	2488765	48.204	ng	99
77) Benzidine	19.592	184	1404415	72.783	ng	98
78) Pyrene	19.762	202	2632596	43.000	ng	100
80) Butylbenzylphthalate	20.656	149	1171388	45.204	ng	99
81) Benzo(a)anthracene	21.509	228	2818960	48.021	ng	99
82) 3,3'-Dichlorobenzidine	21.444	252	889686	49.314	ng	100
83) Chrysene	21.562	228	2645456	46.336	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1813924	48.182	ng	99
85) Di-n-octyl phthalate	22.368	149	3301702	52.474	ng	98
87) Indeno(1,2,3-cd)pyrene	26.491	276	3798896	49.095	ng	100
88) Benzo(b)fluoranthene	23.215	252	3089482	47.555	ng	99
89) Benzo(k)fluoranthene	23.268	252	3090109	45.704	ng	99
90) Benzo(a)pyrene	23.850	252	2834858	45.339	ng	100
91) Dibenzo(a,h)anthracene	26.509	278	3146417	48.015	ng	99
92) Benzo(g,h,i)perylene	27.279	276	3122854	48.709	ng	99

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

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