Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042574.D
Acq On : 03 Nov 2023 17:23
Operator : MA/JU
Sample : 05220-05MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 03 22:39:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 15:52:20 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.916	152	48452	20.000	ng		0.00
21) Naphthalene-d8	10.733	136	179951	20.000	ng		0.00
39) Acenaphthene-d10	14.569	164	112135	20.000	ng		0.00
64) Phenanthrene-d10	17.321	188	252886	20.000	ng		0.00
76) Chrysene-d12	21.509	240	259590	20.000	ng		0.00
86) Perylene-d12	23.927	264	274224	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	261494	87.101	ng		0.01
7) Phenol-d6	7.081	99	339459	82.445	ng		0.00
23) Nitrobenzene-d5	9.116	82	239835	62.129	ng		0.00
42) 2,4,6-Tribromophenol	16.063	330	153548	104.881	ng		0.00
45) 2-Fluorobiphenyl	13.186	172	477805	57.336	ng		0.00
79) Terphenyl-d14	19.933	244	844788	55.180	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	53290	37.246	ng		97
3) Pyridine	3.728	79	139529m	33.995	ng		
4) n-Nitrosodimethylamine	3.657	42	104212	52.761	ng	#	82
6) Aniline	7.257	93	182260	34.824	ng		98
8) 2-Chlorophenol	7.475	128	154133	47.613	ng		99
9) Benzaldehyde	7.075	77	40594	17.107	ng		97
10) Phenol	7.110	94	201528	48.193	ng		93
11) bis(2-Chloroethyl)ether	7.357	93	157518	44.526	ng		99
12) 1,3-Dichlorobenzene	7.792	146	171757	49.093	ng		96
13) 1,4-Dichlorobenzene	7.951	146	763558	215.644	ng		98
14) 1,2-Dichlorobenzene	8.263	146	168812	49.381	ng		99
15) Benzyl Alcohol	8.181	79	147625m	50.644	ng		
16) 2,2'-oxybis(1-Chloropr...	8.445	45	245267	43.567	ng		99
17) 2-Methylphenol	8.369	107	130235	43.985	ng		96
18) Hexachloroethane	8.975	117	65498	47.276	ng		92
19) n-Nitroso-di-n-propyla...	8.734	70	132233	45.399	ng		92
20) 3+4-Methylphenols	8.704	107	173025	43.708	ng		95
22) Acetophenone	8.769	105	238000	52.441	ng	#	95
24) Nitrobenzene	9.157	77	196379	51.649	ng		99
25) Isophorone	9.669	82	354817	51.930	ng		98
26) 2-Nitrophenol	9.863	139	83321	51.274	ng		96
27) 2,4-Dimethylphenol	9.904	122	120680	46.169	ng		92
28) bis(2-Chloroethoxy)met...	10.157	93	201897	49.048	ng		100
29) 2,4-Dichlorophenol	10.386	162	148073	57.253	ng		98
30) 1,2,4-Trichlorobenzene	10.586	180	167234	59.002	ng		97
31) Naphthalene	10.786	128	527775	56.767	ng		99
32) Benzoic acid	10.063	122	105962	49.685	ng		92
33) 4-Chloroaniline	10.933	127	129632	35.759	ng		97
34) Hexachlorobutadiene	11.010	225	111277	64.663	ng		98
35) Caprolactam	11.763	113	45043m	49.569	ng		
36) 4-Chloro-3-methylphenol	12.033	107	153600	52.185	ng		98
37) 2-Methylnaphthalene	12.392	142	338720	51.731	ng		97
38) 1-Methylnaphthalene	12.610	142	326794	53.024	ng		100
40) 1,2,4,5-Tetrachloroben...	12.745	216	194017	57.916	ng		98
41) Hexachlorocyclopentadiene	12.686	237	39340	24.194	ng		96
43) 2,4,6-Trichlorophenol	13.004	196	123303	57.466	ng		97

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44) 2,4,5-Trichlorophenol	13.074	196	138325	54.175	ng		96
46) 1,1'-Biphenyl	13.404	154	445403	51.962	ng		99
47) 2-Chloronaphthalene	13.451	162	329330	52.372	ng		100
48) 2-Nitroaniline	13.692	65	121989	48.088	ng		99
49) Acenaphthylene	14.298	152	847831	81.409	ng		99
50) Dimethylphthalate	14.033	163	416767	49.727	ng		99
51) 2,6-Dinitrotoluene	14.186	165	87549	50.685	ng		98
52) Acenaphthene	14.633	154	365039	57.754	ng		100
53) 3-Nitroaniline	14.521	138	72109	38.204	ng		94
54) 2,4-Dinitrophenol	14.733	184	46599	42.084	ng		100
55) Dibenzofuran	14.968	168	604024	58.777	ng		99
56) 4-Nitrophenol	14.827	139	149290	93.800	ng		91
57) 2,4-Dinitrotoluene	14.968	165	124939	47.754	ng		95
58) Fluorene	15.616	166	530472	63.799	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.192	232	121312	56.409	ng	#	97
60) Diethylphthalate	15.380	149	431039	50.765	ng		100
61) 4-Chlorophenyl-phenyle...	15.604	204	230049	54.766	ng		99
62) 4-Nitroaniline	15.686	138	79808	46.352	ng	#	85
63) Azobenzene	15.904	77	483445	51.668	ng		91
65) 4,6-Dinitro-2-methylph...	15.721	198	33824	24.111	ng		95
66) n-Nitrosodiphenylamine	15.833	169	360698	50.585	ng		99
67) 4-Bromophenyl-phenylether	16.504	248	140570	55.590	ng		97
68) Hexachlorobenzene	16.586	284	167573	59.901	ng		99
69) Atrazine	16.786	200	137660	66.813	ng		99
70) Pentachlorophenol	16.957	266	224970	109.387	ng		99
71) Phenanthrene	17.368	178	1636616	123.839	ng		100
72) Anthracene	17.457	178	1266562	96.758	ng		100
73) Carbazole	17.745	167	668300	62.758	ng		100
74) Di-n-butylphthalate	18.262	149	836093	55.911	ng		99
75) Fluoranthene	19.386	202	3512559	226.267	ng		97
77) Benzidine	19.592	184	474357	190.500	ng		99
78) Pyrene	19.751	202	3501945	196.461	ng		98
80) Butylbenzylphthalate	20.621	149	388003	50.964	ng		96
81) Benzo(a)anthracene	21.492	228	2262261	136.970	ng		98
82) 3,3'-Dichlorobenzidine	21.433	252	288509	54.963	ng		99
83) Chrysene	21.550	228	1897978	113.128	ng		98
84) Bis(2-ethylhexyl)phtha...	21.368	149	621551	54.020	ng		99
85) Di-n-octyl phthalate	22.297	149	983199	49.645	ng		98
87) Indeno(1,2,3-cd)pyrene	26.485	276	1581518	96.900	ng	#	92
88) Benzo(b)fluoranthene	23.191	252	2112663	138.285	ng	#	98
89) Benzo(k)fluoranthene	23.239	252	1306420	76.740	ng	#	97
90) Benzo(a)pyrene	23.827	252	1866047m	124.063	ng		
91) Dibenzo(a,h)anthracene	26.491	278	951655	61.853	ng	#	95
92) Benzo(g,h,i)perylene	27.285	276	1352591	94.029	ng	#	95

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

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