Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122121\
Data File : BM033561.D
Acq On : 21 Dec 2021 19:26
Operator : CG/JU
Sample : M5182-06MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 22 03:39:16 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 21 16:25:49 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
HB-2-(20-25)-12-17-21MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.907	152	25787	20.000	ng		0.00
21) Naphthalene-d8	10.719	136	110109	20.000	ng	#	0.00
39) Acenaphthene-d10	14.560	164	72457	20.000	ng		0.00
64) Phenanthrene-d10	17.306	188	139279	20.000	ng		0.00
76) Chrysene-d12	21.483	240	102458	20.000	ng		0.00
86) Perylene-d12	23.882	264	104919	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.478	112	223560	149.223	ng		0.00
7) Phenol-d6	7.084	99	294862	140.581	ng		0.00
23) Nitrobenzene-d5	9.083	82	234882	88.603	ng		0.00
42) 2,4,6-Tribromophenol	16.054	330	114237	128.041	ng		0.00
45) 2-Fluorobiphenyl	13.183	172	468004	91.065	ng		0.00
79) Terphenyl-d14	19.924	244	528251	85.758	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.360	88	28210	45.118	ng	#	90
3) Pyridine	3.772	79	72227	45.736	ng	#	89
4) n-Nitrosodimethylamine	3.678	42	68340	57.956	ng	#	84
6) Aniline	7.242	93	84158	35.153	ng		98
8) 2-Chlorophenol	7.472	128	100913	61.120	ng		98
9) Benzaldehyde	7.054	77	77499	65.488	ng		98
10) Phenol	7.107	94	134618	64.653	ng		84
11) bis(2-Chloroethyl)ether	7.337	93	92188	58.069	ng		96
12) 1,3-Dichlorobenzene	7.795	146	110609m	56.788	ng		
13) 1,4-Dichlorobenzene	7.942	146	114208	57.680	ng		96
14) 1,2-Dichlorobenzene	8.260	146	110197	56.570	ng		99
15) Benzyl Alcohol	8.160	79	113680m	57.539	ng		
16) 2,2'-oxybis(1-Chloropr...	8.448	45	163018	58.095	ng		99
17) 2-Methylphenol	8.360	107	90262	59.622	ng	#	92
18) Hexachloroethane	8.989	117	49140	60.675	ng		94
19) n-Nitroso-di-n-propyla...	8.725	70	93751	57.382	ng		93
20) 3+4-Methylphenols	8.695	107	122477	59.008	ng		96
22) Acetophenone	8.742	105	173889	57.650	ng	#	91
24) Nitrobenzene	9.125	77	148286	58.527	ng		96
25) Isophorone	9.654	82	235472	56.359	ng	#	98
26) 2-Nitrophenol	9.836	139	56923	58.815	ng	#	92
27) 2,4-Dimethylphenol	9.895	122	100371	67.172	ng		95
28) bis(2-Chloroethoxy)met...	10.136	93	133217	56.900	ng		98
29) 2,4-Dichlorophenol	10.372	162	103974	59.696	ng		99
30) 1,2,4-Trichlorobenzene	10.577	180	115353	56.204	ng		97
31) Naphthalene	10.772	128	330305	55.886	ng		99
32) Benzoic acid	10.066	122	69724	57.282	ng		96
33) 4-Chloroaniline	10.895	127	23719	10.560	ng	#	91
34) Hexachlorobutadiene	11.048	225	78513	55.624	ng		94
35) Caprolactam	11.701	113	30776m	84.435	ng		
36) 4-Chloro-3-methylphenol	12.019	107	124039	55.330	ng		98
37) 2-Methylnaphthalene	12.383	142	248561	58.703	ng	#	95
38) 1-Methylnaphthalene	12.601	142	230431	54.457	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.748	216	135192	64.937	ng	#	97
41) Hexachlorocyclopentadiene	12.719	237	181711	157.038	ng		99
43) 2,4,6-Trichlorophenol	12.995	196	87624	59.804	ng		97

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44) 2,4,5-Trichlorophenol	13.066	196	93344	60.010	ng		95
46) 1,1'-Biphenyl	13.395	154	330825	62.221	ng		97
47) 2-Chloronaphthalene	13.436	162	249209	60.417	ng		98
48) 2-Nitroaniline	13.648	65	94104	59.721	ng		98
49) Acenaphthylene	14.283	152	394523	59.720	ng		99
50) Dimethylphthalate	14.024	163	311043	55.688	ng		99
51) 2,6-Dinitrotoluene	14.142	165	65210	58.485	ng	#	78
52) Acenaphthene	14.624	154	234928	59.195	ng		97
53) 3-Nitroaniline	14.477	138	27928	25.506	ng		100
54) 2,4-Dinitrophenol	14.683	184	74301	107.075	ng	#	84
55) Dibenzofuran	14.960	168	388030	57.097	ng		95
56) 4-Nitrophenol	14.789	139	99457	117.664	ng	#	78
57) 2,4-Dinitrotoluene	14.930	165	92291	59.301	ng		95
58) Fluorene	15.607	166	307093	56.056	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.183	232	79594m	55.746	ng		
60) Diethylphthalate	15.383	149	328738	54.548	ng		98
61) 4-Chlorophenyl-phenyle...	15.601	204	158463	54.872	ng		93
62) 4-Nitroaniline	15.642	138	57229	50.724	ng	#	78
63) Azobenzene	15.895	77	365458	54.952	ng		94
65) 4,6-Dinitro-2-methylph...	15.695	198	47641	51.252	ng		93
66) n-Nitrosodiphenylamine	15.818	169	261835	63.383	ng		97
67) 4-Bromophenyl-phenylether	16.495	248	91193	60.666	ng	#	89
68) Hexachlorobenzene	16.606	284	100766	62.141	ng		98
69) Atrazine	16.771	200	90920	97.990	ng		99
70) Pentachlorophenol	16.954	266	124982	126.240	ng		99
71) Phenanthrene	17.348	178	461093	60.007	ng		100
72) Anthracene	17.436	178	469920	62.175	ng		99
73) Carbazole	17.712	167	390396	53.837	ng		99
74) Di-n-butylphthalate	18.271	149	529849	59.040	ng	#	98
75) Fluoranthene	19.359	202	486250	55.324	ng		98
77) Benzidine	19.553	184	226745	200.580	ng		100
78) Pyrene	19.724	202	487322	64.031	ng		99
80) Butylbenzylphthalate	20.618	149	207986	62.652	ng		95
81) Benzo(a)anthracene	21.465	228	407509	58.380	ng		98
82) 3,3'-Dichlorobenzidine	21.406	252	108010	34.451	ng		98
83) Chrysene	21.524	228	401244	59.938	ng		98
84) Bis(2-ethylhexyl)phtha...	21.394	149	290896	63.525	ng		100
85) Di-n-octyl phthalate	22.318	149	466036	62.238	ng		100
87) Indeno(1,2,3-cd)pyrene	26.371	276	477066	64.201	ng	#	94
88) Benzo(b)fluoranthene	23.153	252	424367	63.148	ng		99
89) Benzo(k)fluoranthene	23.200	252	389510	58.156	ng	#	97
90) Benzo(a)pyrene	23.777	252	404984	71.582	ng	#	98
91) Dibenzo(a,h)anthracene	26.388	278	406918	64.866	ng		96
92) Benzo(g,h,i)perylene	27.135	276	410387	66.428	ng	#	95

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

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