Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042567.D
Acq On : 03 Nov 2023 12:59
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 03 22:37:06 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 :
SSTDCCC040

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	7.910	152	45034	20.000	ng		0.00
21) Naphthalene-d8	10.728	136	188769	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	127805	20.000	ng		0.00
64) Phenanthrene-d10	17.316	188	310858	20.000	ng		0.00
76) Chrysene-d12	21.504	240	354842	20.000	ng		0.00
86) Perylene-d12	23.915	264	369988	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	220054	78.861	ng		0.00
7) Phenol-d6	7.075	99	322748	84.336	ng		0.00
23) Nitrobenzene-d5	9.110	82	365559	90.275	ng		0.00
42) 2,4,6-Tribromophenol	16.063	330	168288	100.856	ng		0.00
45) 2-Fluorobiphenyl	13.187	172	794814	83.682	ng		0.00
79) Terphenyl-d14	19.933	244	1835187	87.694	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	51909	39.034	ng		97
3) Pyridine	3.722	79	146957	38.523	ng		95
4) n-Nitrosodimethylamine	3.652	42	88513	48.214	ng		83
6) Aniline	7.252	93	201455	41.413	ng		97
8) 2-Chlorophenol	7.469	128	120599	40.081	ng		98
9) Benzaldehyde	7.069	77	98970	44.872	ng		97
10) Phenol	7.105	94	161506	41.554	ng		93
11) bis(2-Chloroethyl)ether	7.352	93	128041	38.941	ng		98
12) 1,3-Dichlorobenzene	7.787	146	126117	38.783	ng		98
13) 1,4-Dichlorobenzene	7.946	146	128034	38.904	ng		95
14) 1,2-Dichlorobenzene	8.257	146	123788	38.959	ng		97
15) Benzyl Alcohol	8.175	79	125678m	46.387	ng		
16) 2,2'-oxybis(1-Chloropr...	8.440	45	204174m	39.020	ng		
17) 2-Methylphenol	8.357	107	117061	42.536	ng		96
18) Hexachloroethane	8.969	117	52581	40.833	ng		96
19) n-Nitroso-di-n-propyla...	8.728	70	124851	46.118	ng		92
20) 3+4-Methylphenols	8.693	107	163637	44.474	ng		98
22) Acetophenone	8.763	105	209416	43.987	ng	#	96
24) Nitrobenzene	9.157	77	177473	44.497	ng		99
25) Isophorone	9.663	82	334595	46.683	ng		98
26) 2-Nitrophenol	9.857	139	70367	41.965	ng	#	95
27) 2,4-Dimethylphenol	9.899	122	118770m	43.316	ng		
28) bis(2-Chloroethoxy)met...	10.151	93	178426	41.321	ng		99
29) 2,4-Dichlorophenol	10.381	162	124566	45.914	ng		98
30) 1,2,4-Trichlorobenzene	10.581	180	129857	43.675	ng		99
31) Naphthalene	10.781	128	404309	41.456	ng		100
32) Benzoic acid	10.051	122	100760	45.423	ng		92
33) 4-Chloroaniline	10.922	127	177092	46.569	ng		96
34) Hexachlorobutadiene	11.004	225	84703	46.922	ng		99
35) Caprolactam	11.763	113	47769	50.113	ng		98
36) 4-Chloro-3-methylphenol	12.028	107	146125	47.326	ng		99
37) 2-Methylnaphthalene	12.387	142	299847	43.655	ng		98
38) 1-Methylnaphthalene	12.610	142	281204	43.496	ng		99
40) 1,2,4,5-Tetrachloroben...	12.740	216	163457	42.811	ng		99
41) Hexachlorocyclopentadiene	12.681	237	97435	45.421	ng		97
43) 2,4,6-Trichlorophenol	12.998	196	109533	44.789	ng		97

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44) 2,4,5-Trichlorophenol	13.075	196	130568	44.867	ng		96
46) 1,1'-Biphenyl	13.398	154	397674	40.705	ng		100
47) 2-Chloronaphthalene	13.451	162	293198	40.909	ng		99
48) 2-Nitroaniline	13.692	65	124455	43.501	ng		98
49) Acenaphthylene	14.298	152	507568	42.761	ng		99
50) Dimethylphthalate	14.034	163	422821	44.264	ng		99
51) 2,6-Dinitrotoluene	14.181	165	90614	46.028	ng		95
52) Acenaphthene	14.634	154	301230	41.816	ng		99
53) 3-Nitroaniline	14.522	138	95673	43.759	ng		98
54) 2,4-Dinitrophenol	14.728	184	55611	43.701	ng		96
55) Dibenzofuran	14.963	168	515476	44.010	ng		99
56) 4-Nitrophenol	14.822	139	73937	44.692	ng		90
57) 2,4-Dinitrotoluene	14.963	165	132778	44.796	ng		96
58) Fluorene	15.616	166	425238	44.872	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.186	232	117392	47.893	ng		97
60) Diethylphthalate	15.381	149	445740	46.060	ng		100
61) 4-Chlorophenyl-phenyle...	15.604	204	222086	46.388	ng		99
62) 4-Nitroaniline	15.686	138	93028	47.276	ng		88
63) Azobenzene	15.898	77	506363	47.482	ng		95
65) 4,6-Dinitro-2-methylph...	15.716	198	83242	42.426	ng		96
66) n-Nitrosodiphenylamine	15.833	169	366000	41.757	ng		98
67) 4-Bromophenyl-phenylether	16.504	248	135751	43.673	ng		96
68) Hexachlorobenzene	16.586	284	152206	44.262	ng		97
69) Atrazine	16.780	200	113643	44.871	ng		99
70) Pentachlorophenol	16.951	266	112802	44.619	ng		99
71) Phenanthrene	17.363	178	692866	42.650	ng		100
72) Anthracene	17.451	178	704103	43.758	ng		99
73) Carbazole	17.739	167	639823	48.879	ng		99
74) Di-n-butylphthalate	18.257	149	862798	46.937	ng		99
75) Fluoranthene	19.374	202	919554	48.188	ng		99
77) Benzidine	19.592	184	181418	53.300	ng		99
78) Pyrene	19.739	202	984393	40.401	ng		99
80) Butylbenzylphthalate	20.621	149	442520	42.522	ng		98
81) Benzo(a)anthracene	21.486	228	983624	43.568	ng		99
82) 3,3'-Dichlorobenzidine	21.427	252	348820	48.614	ng		100
83) Chrysene	21.539	228	937185	40.865	ng		100
84) Bis(2-ethylhexyl)phtha...	21.363	149	659010	41.901	ng		100
85) Di-n-octyl phthalate	22.292	149	1109535	40.985	ng		99
87) Indeno(1,2,3-cd)pyrene	26.450	276	1006823	45.721	ng	#	94
88) Benzo(b)fluoranthene	23.174	252	872081	42.308	ng		98
89) Benzo(k)fluoranthene	23.221	252	916639	39.908	ng		98
90) Benzo(a)pyrene	23.809	252	840183	41.401	ng		98
91) Dibenzo(a,h)anthracene	26.468	278	826039	41.268	ng	#	95
92) Benzo(g,h,i)perylene	27.244	276	811016	41.787	ng		96

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

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