Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111023\
Data File : BM042685.D
Acq On : 10 Nov 2023 11:22
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 10 12:39:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 09 13:21:00 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/14/2023
Supervised By :mohammad ahmed 11/16/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	72991	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	331358	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	231375	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	472580	20.000	ng	0.00
76) Chrysene-d12	21.445	240	366899	20.000	ng	# 0.00
86) Perylene-d12	23.821	264	365656	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	339603	75.088	ng	0.00
7) Phenol-d6	7.022	99	525069	84.652	ng	0.01
23) Nitrobenzene-d5	9.057	82	657899	92.555	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	293801	97.259	ng	0.00
45) 2-Fluorobiphenyl	13.127	172	1631591	94.888	ng	0.00
79) Terphenyl-d14	19.880	244	2303549	106.457	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	75206	34.892	ng	# 93
3) Pyridine	3.652	79	207352	33.536	ng	# 91
4) n-Nitrosodimethylamine	3.587	42	152223	51.158	ng	# 70
6) Aniline	7.198	93	313293	39.736	ng	95
8) 2-Chlorophenol	7.404	128	195126	40.012	ng	96
9) Benzaldehyde	7.010	77	171571	47.994	ng	95
10) Phenol	7.045	94	251635	39.945	ng	84
11) bis(2-Chloroethyl)ether	7.292	93	212408	39.856	ng	95
12) 1,3-Dichlorobenzene	7.722	146	208834	39.623	ng	95
13) 1,4-Dichlorobenzene	7.881	146	215013	40.309	ng	97
14) 1,2-Dichlorobenzene	8.192	146	214891	41.727	ng	96
15) Benzyl Alcohol	8.116	79	244792	55.745	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.381	45	359153m	42.349	ng	
17) 2-Methylphenol	8.304	107	190243	42.651	ng	# 92
18) Hexachloroethane	8.904	117	92709	44.420	ng	92
19) n-Nitroso-di-n-propyla...	8.675	70	221797	50.548	ng	# 87
20) 3+4-Methylphenols	8.639	107	267891	44.922	ng	96
22) Acetophenone	8.704	105	357514	42.780	ng	# 90
24) Nitrobenzene	9.098	77	311067	44.431	ng	97
25) Isophorone	9.610	82	602249	47.869	ng	98
26) 2-Nitrophenol	9.792	139	124077	42.139	ng	# 87
27) 2,4-Dimethylphenol	9.839	122	191979	39.887	ng	92
28) bis(2-Chloroethoxy)met...	10.092	93	314826	41.535	ng	97
29) 2,4-Dichlorophenol	10.316	162	220442	46.288	ng	99
30) 1,2,4-Trichlorobenzene	10.516	180	244314	46.811	ng	100
31) Naphthalene	10.716	128	711897	41.583	ng	100
32) Benzoic acid	10.039	122	140559	36.942	ng	91
33) 4-Chloroaniline	10.863	127	291996	43.743	ng	94
34) Hexachlorobutadiene	10.939	225	173754	54.833	ng	99
35) Caprolactam	11.722	113	66594	39.799	ng	95
36) 4-Chloro-3-methylphenol	11.975	107	251226	46.353	ng	99
37) 2-Methylnaphthalene	12.327	142	542301	44.979	ng	96
38) 1-Methylnaphthalene	12.545	142	516441	45.507	ng	98
40) 1,2,4,5-Tetrachloroben...	12.680	216	319932	46.285	ng	99
41) Hexachlorocyclopentadiene	12.622	237	198795	50.415	ng	98
43) 2,4,6-Trichlorophenol	12.939	196	200523	45.292	ng	94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	240178	45.588	ng		96
46) 1,1'-Biphenyl	13.339	154	734583	41.533	ng		99
47) 2-Chloronaphthalene	13.392	162	529422	40.803	ng		99
48) 2-Nitroaniline	13.639	65	205137	39.996	ng		99
49) Acenaphthylene	14.239	152	902029	41.977	ng		99
50) Dimethylphthalate	13.980	163	749987	43.369	ng		100
51) 2,6-Dinitrotoluene	14.127	165	152937	42.911	ng	#	86
52) Acenaphthene	14.574	154	534038	40.949	ng		99
53) 3-Nitroaniline	14.468	138	132991	34.610	ng		95
54) 2,4-Dinitrophenol	14.674	184	72678	33.702	ng		91
55) Dibenzofuran	14.910	168	922659	43.513	ng		99
56) 4-Nitrophenol	14.768	139	96094	34.046	ng	#	74
57) 2,4-Dinitrotoluene	14.910	165	221478	41.586	ng		93
58) Fluorene	15.557	166	760460	44.326	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.127	232	199970	45.064	ng		96
60) Diethylphthalate	15.327	149	766626	43.758	ng		99
61) 4-Chlorophenyl-phenyle...	15.545	204	425570	49.100	ng		99
62) 4-Nitroaniline	15.639	138	119419	35.192	ng	#	73
63) Azobenzene	15.845	77	851429	44.101	ng		90
65) 4,6-Dinitro-2-methylph...	15.663	198	118139	39.994	ng		91
66) n-Nitrosodiphenylamine	15.780	169	599657	45.002	ng		98
67) 4-Bromophenyl-phenylether	16.445	248	237754	50.313	ng		98
68) Hexachlorobenzene	16.527	284	257082	49.176	ng		97
69) Atrazine	16.727	200	159868	41.521	ng		98
70) Pentachlorophenol	16.892	266	159962	41.620	ng		100
71) Phenanthrene	17.304	178	1022454	41.400	ng		100
72) Anthracene	17.398	178	1057094	43.214	ng		99
73) Carbazole	17.686	167	815030	40.956	ng		99
74) Di-n-butylphthalate	18.204	149	1248170	44.664	ng		99
75) Fluoranthene	19.315	202	1145958	39.502	ng		97
77) Benzidine	19.539	184	176970	50.284	ng		99
78) Pyrene	19.686	202	1154150	45.811	ng		100
80) Butylbenzylphthalate	20.562	149	494239	45.932	ng		95
81) Benzo(a)anthracene	21.427	228	997065	42.712	ng		99
82) 3,3'-Dichlorobenzidine	21.374	252	344241	46.399	ng	#	97
83) Chrysene	21.480	228	974515	41.097	ng		100
84) Bis(2-ethylhexyl)phtha...	21.309	149	744319	45.770	ng		99
85) Di-n-octyl phthalate	22.221	149	1162560	41.533	ng		97
87) Indeno(1,2,3-cd)pyrene	26.303	276	1002097	46.046	ng	#	92
88) Benzo(b)fluoranthene	23.086	252	824163	40.457	ng	#	98
89) Benzo(k)fluoranthene	23.139	252	908164	40.007	ng	#	96
90) Benzo(a)pyrene	23.715	252	828878	41.328	ng	#	96
91) Dibenzo(a,h)anthracene	26.321	278	851503	42.866	ng	#	94
92) Benzo(g,h,i)perylene	27.079	276	795127	41.454	ng	#	94

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

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