Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022023\
Data File : BM038786.D
Acq On : 20 Feb 2023 14:27
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 21 02:07:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 21 02:04:34 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.881	152	59223	20.000	ng		0.00
21) Naphthalene-d8	10.692	136	211149	20.000	ng		0.00
39) Acenaphthene-d10	14.539	164	131319	20.000	ng		0.00
64) Phenanthrene-d10	17.286	188	263021	20.000	ng	#	0.00
76) Chrysene-d12	21.468	240	257944	20.000	ng		0.00
86) Perylene-d12	23.850	264	304459	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	271209	89.707	ng		0.00
7) Phenol-d6	7.057	99	327263	94.911	ng		0.00
23) Nitrobenzene-d5	9.057	82	311148	83.701	ng		0.00
42) 2,4,6-Tribromophenol	16.033	330	159824	89.542	ng		0.00
45) 2-Fluorobiphenyl	13.157	172	871904	84.529	ng		0.00
79) Terphenyl-d14	19.909	244	1422914	97.346	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.269	88	49597	37.212	ng		94
3) Pyridine	3.693	79	136960	43.214	ng		92
4) n-Nitrosodimethylamine	3.604	42	51120	35.729	ng	#	75
6) Aniline	7.210	93	203995	47.428	ng		93
8) 2-Chlorophenol	7.445	128	153304	46.471	ng		95
9) Benzaldehyde	7.022	77	67033	44.107	ng		92
10) Phenol	7.086	94	162759	46.723	ng		89
11) bis(2-Chloroethyl)ether	7.310	93	128713	45.626	ng		98
12) 1,3-Dichlorobenzene	7.763	146	178094	42.253	ng		97
13) 1,4-Dichlorobenzene	7.916	146	177725	41.780	ng		97
14) 1,2-Dichlorobenzene	8.233	146	171961	42.197	ng		97
15) Benzyl Alcohol	8.133	79	110721	43.627	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.404	45	102883	38.502	ng		95
17) 2-Methylphenol	8.339	107	126191	47.228	ng		97
18) Hexachloroethane	8.957	117	61341	44.652	ng		95
19) n-Nitroso-di-n-propyla...	8.698	70	95581	45.987	ng		93
20) 3+4-Methylphenols	8.675	107	170353	47.819	ng		96
22) Acetophenone	8.716	105	213517	42.403	ng	#	97
24) Nitrobenzene	9.104	77	150504	39.888	ng		90
25) Isophorone	9.627	82	274922	42.217	ng		100
26) 2-Nitrophenol	9.810	139	92367	43.993	ng		96
27) 2,4-Dimethylphenol	9.875	122	132840	43.852	ng		97
28) bis(2-Chloroethoxy)met...	10.110	93	164776	41.404	ng		99
29) 2,4-Dichlorophenol	10.351	162	159509	37.063	ng		99
30) 1,2,4-Trichlorobenzene	10.557	180	158093	34.533	ng		96
31) Naphthalene	10.745	128	465016	42.917	ng		99
32) Benzoic acid	10.051	122	109362	44.598	ng		90
33) 4-Chloroaniline	10.869	127	208187	43.842	ng		96
34) Hexachlorobutadiene	11.010	225	90323	39.385	ng		96
35) Caprolactam	11.686	113	41404	44.671	ng		88
36) 4-Chloro-3-methylphenol	12.004	107	133510	41.953	ng		98
37) 2-Methylnaphthalene	12.357	142	348354	39.784	ng		96
38) 1-Methylnaphthalene	12.574	142	332018	40.241	ng		98
40) 1,2,4,5-Tetrachloroben...	12.727	216	148711	43.513	ng		99
41) Hexachlorocyclopentadiene	12.692	237	81457	38.410	ng		97
43) 2,4,6-Trichlorophenol	12.974	196	114029	42.470	ng		98

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44) 2,4,5-Trichlorophenol	13.051	196	129816	41.087	ng	#	93
46) 1,1'-Biphenyl	13.368	154	457611	43.991	ng		99
47) 2-Chloronaphthalene	13.415	162	346481	42.329	ng		96
48) 2-Nitroaniline	13.633	65	80148	43.595	ng		93
49) Acenaphthylene	14.262	152	574012	44.522	ng		99
50) Dimethylphthalate	14.004	163	469028	43.768	ng		99
51) 2,6-Dinitrotoluene	14.133	165	98027	45.007	ng		96
52) Acenaphthene	14.604	154	333700	43.348	ng		99
53) 3-Nitroaniline	14.462	138	107183	47.052	ng		99
54) 2,4-Dinitrophenol	14.680	184	56755	40.033	ng	#	86
55) Dibenzofuran	14.939	168	550095	41.496	ng		96
56) 4-Nitrophenol	14.786	139	81643	46.737	ng		93
57) 2,4-Dinitrotoluene	14.921	165	137948	43.095	ng		96
58) Fluorene	15.586	166	444323	42.360	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.168	232	97515	44.345	ng		96
60) Diethylphthalate	15.357	149	477607	47.045	ng		96
61) 4-Chlorophenyl-phenyle...	15.580	204	202127	45.423	ng		98
62) 4-Nitroaniline	15.627	138	111173m	47.526	ng		
63) Azobenzene	15.874	77	356327	45.620	ng		95
65) 4,6-Dinitro-2-methylph...	15.686	198	73684	44.501	ng		95
66) n-Nitrosodiphenylamine	15.798	169	372147	43.333	ng		99
67) 4-Bromophenyl-phenylether	16.474	248	118038	46.478	ng		95
68) Hexachlorobenzene	16.586	284	137738	44.378	ng		93
69) Atrazine	16.756	200	116761	46.908	ng		95
70) Pentachlorophenol	16.939	266	94260	41.661	ng		99
71) Phenanthrene	17.327	178	660129	42.269	ng		99
72) Anthracene	17.421	178	678131	42.445	ng		99
73) Carbazole	17.698	167	638844	42.874	ng		97
74) Di-n-butylphthalate	18.250	149	844458	50.162	ng		99
75) Fluoranthene	19.345	202	737965	45.005	ng		100
77) Benzidine	19.539	184	203805	27.706	ng		98
78) Pyrene	19.709	202	779368	39.245	ng		100
80) Butylbenzylphthalate	20.603	149	402023	40.961	ng		98
81) Benzo(a)anthracene	21.456	228	812467	44.528	ng		99
82) 3,3'-Dichlorobenzidine	21.391	252	286452	45.633	ng		99
83) Chrysene	21.509	228	767302	43.646	ng		100
84) Bis(2-ethylhexyl)phtha...	21.368	149	619750	43.233	ng		98
85) Di-n-octyl phthalate	22.285	149	1059162	45.310	ng		99
87) Indeno(1,2,3-cd)pyrene	26.332	276	1135417	47.346	ng		98
88) Benzo(b)fluoranthene	23.127	252	842602	46.206	ng		98
89) Benzo(k)fluoranthene	23.174	252	831575	44.906	ng		99
90) Benzo(a)pyrene	23.744	252	812504	45.055	ng		98
91) Dibenzo(a,h)anthracene	26.344	278	965962	47.877	ng		99
92) Benzo(g,h,i)perylene	27.097	276	861356	42.234	ng		98

02/21/2023
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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