Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021423\
Data File : BM038724.D
Acq On : 14 Feb 2023 11:00
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 14 15:50:25 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 14 15:49:49 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
02/15/2023
Supervised By :Jagrut Upadhyay
02/17/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	51792	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	174812	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	112108	20.000	ng		0.00
64) Phenanthrene-d10	17.286	188	225672	20.000	ng	#	0.00
76) Chrysene-d12	21.462	240	194643	20.000	ng		0.00
86) Perylene-d12	23.838	264	244681	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	211156	79.865	ng		0.00
7) Phenol-d6	7.081	99	249223	82.648	ng		0.00
23) Nitrobenzene-d5	9.081	82	244396	79.410	ng		0.00
42) 2,4,6-Tribromophenol	16.033	330	125661	82.466	ng		0.00
45) 2-Fluorobiphenyl	13.168	172	732302	83.160	ng		0.00
79) Terphenyl-d14	19.903	244	948226	85.968	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.310	88	42840	36.754	ng		94
3) Pyridine	3.728	79	109888	39.647	ng		97
4) n-Nitrosodimethylamine	3.640	42	47545	37.998	ng	#	94
6) Aniline	7.234	93	154217	40.999	ng		95
8) 2-Chlorophenol	7.463	128	117274	40.650	ng		97
9) Benzaldehyde	7.045	77	49921	37.561	ng		89
10) Phenol	7.104	94	123138	40.421	ng		91
11) bis(2-Chloroethyl)ether	7.334	93	103346	41.890	ng		97
12) 1,3-Dichlorobenzene	7.786	146	149264	40.494	ng		98
13) 1,4-Dichlorobenzene	7.939	146	147857	39.746	ng		100
14) 1,2-Dichlorobenzene	8.251	146	142173	39.893	ng		98
15) Benzyl Alcohol	8.157	79	84419	38.036	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.434	45	89700	38.385	ng		98
17) 2-Methylphenol	8.357	107	96010	41.088	ng		98
18) Hexachloroethane	8.975	117	48505	40.374	ng		97
19) n-Nitroso-di-n-propyla...	8.722	70	73650	40.520	ng		96
20) 3+4-Methylphenols	8.686	107	129002	41.407	ng		96
22) Acetophenone	8.739	105	162562	38.994	ng	#	98
24) Nitrobenzene	9.122	77	120855	38.688	ng		94
25) Isophorone	9.645	82	206192	38.244	ng		98
26) 2-Nitrophenol	9.828	139	72804	41.883	ng		96
27) 2,4-Dimethylphenol	9.892	122	100999	40.271	ng		97
28) bis(2-Chloroethoxy)met...	10.128	93	132641	40.257	ng		97
29) 2,4-Dichlorophenol	10.363	162	136756	38.381	ng		98
30) 1,2,4-Trichlorobenzene	10.569	180	138533	36.551	ng		98
31) Naphthalene	10.763	128	367421	40.958	ng		99
32) Benzoic acid	10.051	122	76395	37.630	ng		97
33) 4-Chloroaniline	10.880	127	160014	40.701	ng		94
34) Hexachlorobutadiene	11.033	225	68774	36.223	ng		100
35) Caprolactam	11.686	113	30055	39.166	ng		99
36) 4-Chloro-3-methylphenol	12.010	107	101670	38.589	ng		95
37) 2-Methylnaphthalene	12.369	142	290891	40.127	ng		98
38) 1-Methylnaphthalene	12.586	142	272773	39.933	ng		98
40) 1,2,4,5-Tetrachloroben...	12.733	216	117631	40.317	ng		99
41) Hexachlorocyclopentadiene	12.704	237	65112	35.964	ng		97
43) 2,4,6-Trichlorophenol	12.980	196	94429	41.197	ng		97

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44) 2,4,5-Trichlorophenol	13.057	196	107998	40.039	ng		95
46) 1,1'-Biphenyl	13.380	154	389290	43.836	ng		100
47) 2-Chloronaphthalene	13.421	162	296589	42.443	ng		98
48) 2-Nitroaniline	13.639	65	62178	39.814	ng		94
49) Acenaphthylene	14.268	152	485721	44.130	ng		99
50) Dimethylphthalate	14.010	163	375691	41.065	ng		100
51) 2,6-Dinitrotoluene	14.133	165	79898	42.969	ng		95
52) Acenaphthene	14.610	154	283236	43.097	ng		99
53) 3-Nitroaniline	14.468	138	82626	42.645	ng		97
54) 2,4-Dinitrophenol	14.674	184	48465	40.044	ng		99
55) Dibenzofuran	14.939	168	472924	41.788	ng		99
56) 4-Nitrophenol	14.780	139	64370	43.164	ng		93
57) 2,4-Dinitrotoluene	14.921	165	108770	39.927	ng	#	98
58) Fluorene	15.592	166	377360	42.141	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.168	232	76982	41.006	ng		97
60) Diethylphthalate	15.362	149	375896	43.371	ng		97
61) 4-Chlorophenyl-phenyle...	15.580	204	155999	41.064	ng		99
62) 4-Nitroaniline	15.627	138	83023m	41.807	ng		
63) Azobenzene	15.874	77	296872	44.521	ng		97
65) 4,6-Dinitro-2-methylph...	15.680	198	59989	42.226	ng		96
66) n-Nitrosodiphenylamine	15.798	169	315499	42.817	ng		98
67) 4-Bromophenyl-phenylether	16.474	248	91835	42.145	ng		95
68) Hexachlorobenzene	16.586	284	111987	42.052	ng		98
69) Atrazine	16.751	200	89185	41.760	ng		100
70) Pentachlorophenol	16.939	266	80436	41.434	ng		98
71) Phenanthrene	17.327	178	561356	41.893	ng		99
72) Anthracene	17.421	178	575307	41.968	ng		99
73) Carbazole	17.698	167	544802	42.614	ng		100
74) Di-n-butylphthalate	18.245	149	675613	46.775	ng		99
75) Fluoranthene	19.339	202	592957	42.146	ng		98
77) Benzidine	19.533	184	190527	33.581	ng		98
78) Pyrene	19.703	202	626424	41.802	ng		99
80) Butylbenzylphthalate	20.592	149	312109	42.085	ng		94
81) Benzo(a)anthracene	21.444	228	576368	41.862	ng		99
82) 3,3'-Dichlorobenzidine	21.386	252	202034	42.652	ng		98
83) Chrysene	21.503	228	546967	41.231	ng		98
84) Bis(2-ethylhexyl)phtha...	21.362	149	460725	42.614	ng		98
85) Di-n-octyl phthalate	22.274	149	798154	45.248	ng		100
87) Indeno(1,2,3-cd)pyrene	26.315	276	809580	42.007	ng		97
88) Benzo(b)fluoranthene	23.115	252	610495	41.657	ng		98
89) Benzo(k)fluoranthene	23.162	252	626721	42.112	ng	#	98
90) Benzo(a)pyrene	23.738	252	606469	41.846	ng		98
91) Dibenzo(a,h)anthracene	26.326	278	678080	41.819	ng		98
92) Benzo(g,h,i)perylene	27.079	276	666964	40.692	ng		97

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

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