Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041522\
Data File : BM034698.D
Acq On : 15 Apr 2022 12:42
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 18 05:18:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 14 23:42:00 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020115

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/18/2022
Supervised By :Yogesh Patel 04/18/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	91644	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.660	136	367571	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.501	164	217274	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.242	188	424920	20.000	ng/ul	#-0.02
79) Chrysene-d12	21.424	240	406290	20.000	ng/ul	#-0.01
88) Perylene-d12	23.794	264	434154	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.231	96	20766	8.080	ng/uL	-0.02
4) Pyridine-d5	3.660	84	115529	18.627	ng/ul	-0.01
7) Phenol-d5	7.019	99	141071	18.495	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.178	67	98155	19.311	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.384	132	116727	19.796	ng/ul	-0.01
15) 4-Methylphenol-d8	8.566	113	109727	18.416	ng/ul	-0.02
21) Nitrobenzene-d5	9.013	128	52514	19.439	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.742	143	56841	20.210	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.284	165	105690m	19.957	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.801	131	126747	17.347	ng/ul	-0.01
46) Dimethylphthalate-d6	13.913	166	298758	19.030	ng/ul	-0.01
49) Acenaphthylene-d8	14.195	160	389308	19.293	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.707	143	33252	13.890	ng/ul	0.00
60) Fluorene-d10	15.495	176	255237	18.813	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.613	200	42061	16.215	ng/ul	-0.01
73) Anthracene-d10	17.342	188	375769	18.548	ng/ul	-0.01
81) Pyrene-d10	19.636	212	437117	19.712	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.641	264	434761	19.908	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.266	88	20127	7.778	ng/uL#	82
5) Pyridine	3.678	79	130604	19.271	ng/ul#	75
6) Benzaldehyde	6.984	77	99627	21.305	ng/ul	91
8) Phenol	7.043	94	143801	18.662	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.272	93	119019	19.139	ng/ul#	86
12) 2-Chlorophenol	7.413	128	121549	20.222	ng/ul#	86
13) 2-Methylphenol	8.301	108	106004	18.609	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.390	45	188536	20.277	ng/ul#	84
16) Acetophenone	8.678	105	175039	18.821	ng/ul#	84
17) N-Nitroso-di-n-propyla...	8.660	70	98371	19.872	ng/ul#	83
18) 4-Methylphenol	8.631	108	113235	18.686	ng/ul	98
19) Hexachloroethane	8.937	117	52541	19.434	ng/ul	86
22) Nitrobenzene	9.054	77	140013	19.770	ng/ul	91
23) Isophorone	9.584	82	248140	19.731	ng/ul#	92
25) 2-Nitrophenol	9.772	139	60600	20.116	ng/ul#	89
26) 2,4-Dimethylphenol	9.836	107	130983	19.589	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.072	93	150327	19.867	ng/ul	99
29) 2,4-Dichlorophenol	10.313	162	100197m	19.169	ng/ul	
30) Naphthalene	10.707	128	375256	19.610	ng/ul	98
32) 4-Chloroaniline	10.825	127	125484	17.143	ng/ul	98
33) Hexachlorobutadiene	11.001	225	70929	19.301	ng/ul	98
34) Caprolactam	11.607	113	21981	12.945	ng/ul#	48
35) 4-Chloro-3-methylphenol	11.954	107	109077	20.102	ng/ul	87
36) 2-Methylnaphthalene	12.325	142	235128	19.172	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.548	142	246020	19.553	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.701	216	124325	19.117	ng/ul#	96
40) Hexachlorocyclopentadiene	12.677	237	73312	17.178	ng/ul	97
41) 2,4,6-Trichlorophenol	12.936	196	74183	18.777	ng/ul	91
42) 2,4,5-Trichlorophenol	13.013	196	74048	18.087	ng/ul	99
43) 1,1'-Biphenyl	13.336	154	312008	18.957	ng/ul#	97
44) 2-Chloronaphthalene	13.377	162	243536	19.273	ng/ul	96
45) 2-Nitroaniline	13.583	65	66812	19.391	ng/ul#	77
47) Dimethylphthalate	13.960	163	292572	18.937	ng/ul	99
48) 2,6-Dinitrotoluene	14.077	165	57876	19.499	ng/ul#	86
50) Acenaphthylene	14.224	152	394948	19.279	ng/ul	99
51) 3-Nitroaniline	14.413	138	46567	17.945	ng/ul	86
52) Acenaphthene	14.566	153	260357	19.089	ng/ul	99
53) 2,4-Dinitrophenol	14.619	184	21336	12.755	ng/ul#	77
55) 4-Nitrophenol	14.719	109	31164	15.245	ng/ul#	79
56) Dibenzofuran	14.901	168	356019	19.206	ng/ul	93
57) 2,4-Dinitrotoluene	14.866	165	79167	19.164	ng/ul#	69
58) 2,3,4,6-Tetrachlorophenol	15.130	232	65759	18.295	ng/ul#	88
59) Diethylphthalate	15.318	149	297112	18.933	ng/ul	98
61) Fluorene	15.548	166	294258	18.815	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.542	204	141922	18.800	ng/ul	93
63) 4-Nitroaniline	15.577	138	37149m	16.258	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.630	198	41866	16.186	ng/ul#	84
67) N-Nitrosodiphenylamine	15.754	169	243137	19.206	ng/ul	97
68) 4-Bromophenyl-phenylether	16.436	248	82134	18.699	ng/ul#	91
69) Hexachlorobenzene	16.554	284	99850	18.928	ng/ul#	91
70) Atrazine	16.707	200	85257	17.996	ng/ul	98
71) Pentachlorophenol	16.901	266	55152	17.074	ng/ul	96
72) Phenanthrene	17.289	178	451232	19.031	ng/ul	99
74) Anthracene	17.377	178	449893	19.148	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.301	216	128673	19.281	ng/uL	99
76) Pentachlorobenzene	14.824	250	118749	18.961	ng/uL	97
77) Carbazole	17.654	167	334063	17.188	ng/ul	98
78) Di-n-butylphthalate	18.218	149	446741	18.109	ng/ul	99
80) Fluoranthene	19.306	202	489250	19.936	ng/ul#	91
82) Pyrene	19.665	202	539044	20.209	ng/ul#	87
83) Butylbenzylphthalate	20.565	149	192491	18.434	ng/ul#	85
84) 3,3'-Dichlorobenzidine	21.348	252	132284	18.578	ng/ul#	97
85) Benzo(a)anthracene	21.412	228	456552	19.326	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.342	149	272445	17.433	ng/ul#	95
87) Chrysene	21.465	228	519484	20.393	ng/ul	99
89) Di-n-octyl phthalate	22.253	149	480275	16.617	ng/ul	100
90) Benzo(b)fluoranthene	23.071	252	501085	19.424	ng/ul#	98
91) Benzo(k)fluoranthene	23.118	252	528394	19.504	ng/ul#	97
93) Benzo(a)pyrene	23.689	252	531320	20.839	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.253	276	544785	19.966	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.271	278	417898	18.682	ng/ul#	96
96) Benzo(g,h,i)perylene	27.012	276	526006	20.084	ng/ul#	95

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

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