Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042423\
Data File : BM039616.D
Acq On : 24 Apr 2023 15:44
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020122

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/25/2023
Supervised By :Jagrut Upadhyay 04/25/2023

Quant Time: Apr 25 00:48:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Apr 23 00:18:16 2023
Response via : Initial Calibration

04/25/2023
Supervised By :Jagrut Upadhyay

04/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	230691	20.000	ng/ul	0.00
20) Naphthalene-d8	10.619	136	969202	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.472	164	545390	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.224	188	1042675	20.000	ng/ul	0.00
79) Chrysene-d12	21.424	240	861387	20.000	ng/ul	0.00
88) Perylene-d12	23.789	264	907328	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.208	96	55027	9.156	ng/uL	0.00
4) Pyridine-d5	3.631	84	355824	21.071	ng/ul	0.00
7) Phenol-d5	6.996	99	415353	19.672	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.148	67	286385	20.521	ng/ul	0.00
11) 2-Chlorophenol-d4	7.348	132	339766	20.514	ng/ul	0.00
15) 4-Methylphenol-d8	8.543	113	316878	18.631	ng/ul	0.00
21) Nitrobenzene-d5	8.984	128	162740	20.871	ng/ul	0.00
24) 2-Nitrophenol-d4	9.707	143	179329	20.481	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.254	165	303957	20.176	ng/ul	0.00
31) 4-Chloroaniline-d4	10.772	131	411984	18.310	ng/ul	0.00
46) Dimethylphthalate-d6	13.889	166	858630	19.521	ng/ul	0.00
49) Acenaphthylene-d8	14.166	160	1025823	20.760	ng/ul	0.00
54) 4-Nitrophenol-d4	14.724	143	77378	11.624	ng/ul	0.00
60) Fluorene-d10	15.466	176	712832	19.781	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.607	200	128101	18.488	ng/ul	0.00
73) Anthracene-d10	17.324	188	1034937	20.639	ng/ul	0.00
81) Pyrene-d10	19.624	212	1113987	19.462	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.636	264	999832	20.411	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.243	88	58918	8.958	ng/uL	96
5) Pyridine	3.649	79	381346	21.416	ng/ul	98
6) Benzaldehyde	6.954	77	222291	24.642	ng/ul	95
8) Phenol	7.025	94	438920	19.966	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.243	93	367320	20.041	ng/ul	98
12) 2-Chlorophenol	7.378	128	342549	20.553	ng/ul	97
13) 2-Methylphenol	8.272	108	328909	19.263	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.348	45	537043m	21.096	ng/ul	
16) Acetophenone	8.648	105	534456	19.131	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.625	70	299348	19.360	ng/ul	94
18) 4-Methylphenol	8.607	108	354540	19.232	ng/ul	100
19) Hexachloroethane	8.884	117	158299	20.913	ng/ul	97
22) Nitrobenzene	9.025	77	425194	22.085	ng/ul	94
23) Isophorone	9.548	82	819862	19.970	ng/ul	97
25) 2-Nitrophenol	9.737	139	190562	20.859	ng/ul	96
26) 2,4-Dimethylphenol	9.807	107	385278	20.637	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.037	93	479135	19.847	ng/ul	100
29) 2,4-Dichlorophenol	10.284	162	304385	20.511	ng/ul	99
30) Naphthalene	10.672	128	1123722	20.955	ng/ul	99
32) 4-Chloroaniline	10.795	127	414554	18.698	ng/ul	99
33) Hexachlorobutadiene	10.942	225	205220	20.986	ng/ul	98
34) Caprolactam	11.583	113	87494m	15.832	ng/ul	
35) 4-Chloro-3-methylphenol	11.936	107	331203	19.115	ng/ul	98
36) 2-Methylnaphthalene	12.289	142	703039	19.557	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.507	142	699868	19.373	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.660	216	365248	22.311	ng/ul	99
40) Hexachlorocyclopentadiene	12.625	237	190995	19.582	ng/ul	98
41) 2,4,6-Trichlorophenol	12.913	196	228519	20.895	ng/ul	99
42) 2,4,5-Trichlorophenol	12.995	196	232551	20.459	ng/ul	98
43) 1,1'-Biphenyl	13.301	154	918419	21.790	ng/ul	99
44) 2-Chloronaphthalene	13.348	162	715550	21.642	ng/ul	100
45) 2-Nitroaniline	13.572	65	195364	20.475	ng/ul	96
47) Dimethylphthalate	13.936	163	850280	19.525	ng/ul	100
48) 2,6-Dinitrotoluene	14.066	165	166930	18.953	ng/ul	98
50) Acenaphthylene	14.195	152	1117678	21.145	ng/ul	99
51) 3-Nitroaniline	14.401	138	135690	16.437	ng/ul	97
52) Acenaphthene	14.536	153	768608	21.120	ng/ul	99
53) 2,4-Dinitrophenol	14.619	184	86599	18.471	ng/ul	94
55) 4-Nitrophenol	14.736	109	58436	11.557	ng/ul	91
56) Dibenzofuran	14.871	168	1023387	20.689	ng/ul	99
57) 2,4-Dinitrotoluene	14.860	165	233474	19.078	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.107	232	194689	19.135	ng/ul	96
59) Diethylphthalate	15.295	149	850677	18.844	ng/ul	99
61) Fluorene	15.524	166	837975	20.480	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.519	204	409615	20.197	ng/ul	99
63) 4-Nitroaniline	15.566	138	111035m	17.539	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.619	198	125637	18.860	ng/ul#	87
67) N-Nitrosodiphenylamine	15.736	169	664710	21.397	ng/ul	98
68) 4-Bromophenyl-phenylether	16.413	248	234478	20.821	ng/ul	98
69) Hexachlorobenzene	16.524	284	269909	20.863	ng/ul	95
70) Atrazine	16.695	200	225250	19.541	ng/ul	99
71) Pentachlorophenol	16.883	266	148602	19.649	ng/ul	98
72) Phenanthrene	17.265	178	1195236	20.648	ng/ul	99
74) Anthracene	17.360	178	1212355	20.877	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.266	216	370536	23.862	ng/uL	99
76) Pentachlorobenzene	14.789	250	351707	23.010	ng/uL	99
77) Carbazole	17.642	167	1026308	19.888	ng/ul	100
78) Di-n-butylphthalate	18.195	149	1347347	18.460	ng/ul	99
80) Fluoranthene	19.289	202	1297673	19.342	ng/ul	100
82) Pyrene	19.654	202	1363593	19.633	ng/ul	100
83) Butylbenzylphthalate	20.553	149	567455	17.309	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.348	252	375973	19.683	ng/ul	100
85) Benzo(a)anthracene	21.412	228	1234728	19.818	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.330	149	840406	17.238	ng/ul	99
87) Chrysene	21.459	228	1183753	19.919	ng/ul	99
89) Di-n-octyl phthalate	22.242	149	1436578	15.758	ng/ul	100
90) Benzo(b)fluoranthene	23.071	252	1241747	19.450	ng/ul	100
91) Benzo(k)fluoranthene	23.118	252	1206543	19.244	ng/ul	99
93) Benzo(a)pyrene	23.683	252	1094123	20.332	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.235	276	1442549	24.371	ng/ul	99
95) Dibenzo(a,h)anthracene	26.253	278	1199870	24.449	ng/ul	99
96) Benzo(g,h,i)perylene	26.994	276	1177021	24.962	ng/ul	98

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

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