Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036573.D
Acq On : 19 Sep 2022 10:19
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 19 22:28:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 16 02:39:54 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020176

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	344330	20.000	ng/ul	0.00
20) Naphthalene-d8	10.839	136	1514563	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	958235	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	1921183	20.000	ng/ul	0.00
79) Chrysene-d12	21.550	240	1871595	20.000	ng/ul	0.00
88) Perylene-d12	23.991	264	1797073	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	69865	7.606	ng/uL	0.00
4) Pyridine-d5	3.810	84	508631	18.987	ng/ul	0.00
7) Phenol-d5	7.175	99	569868	18.520	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	360415	19.287	ng/ul	0.00
11) 2-Chlorophenol-d4	7.551	132	441482	19.928	ng/ul	0.00
15) 4-Methylphenol-d8	8.728	113	442996	19.484	ng/ul	0.00
21) Nitrobenzene-d5	9.186	128	209816	20.467	ng/ul	0.00
24) 2-Nitrophenol-d4	9.916	143	192297	20.942	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	418741	19.678	ng/ul	0.00
31) 4-Chloroaniline-d4	10.969	131	670564	18.953	ng/ul	0.00
46) Dimethylphthalate-d6	14.063	166	1248765	19.322	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	1471607	19.197	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	226172	18.043	ng/ul	0.00
60) Fluorene-d10	15.633	176	1124149	19.410	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	146666	19.296	ng/ul	0.00
73) Anthracene-d10	17.486	188	1689092	19.229	ng/ul	0.00
81) Pyrene-d10	19.762	212	1847412	20.064	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.833	264	1732031	19.728	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	75349	7.615	ng/uL	98
5) Pyridine	3.834	79	504131	18.732	ng/ul	96
6) Benzaldehyde	7.157	77	318717m	21.389	ng/ul	
8) Phenol	7.198	94	623955	18.893	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.445	93	499040	19.421	ng/ul	100
12) 2-Chlorophenol	7.581	128	478702	19.976	ng/ul	99
13) 2-Methylphenol	8.463	108	461648	19.018	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.563	45	597538	19.620	ng/ul	98
16) Acetophenone	8.851	105	776332	19.685	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.839	70	387767	20.377	ng/ul	97
18) 4-Methylphenol	8.792	108	506851	19.309	ng/ul	97
19) Hexachloroethane	9.116	117	189950	19.569	ng/ul	91
22) Nitrobenzene	9.233	77	553071	20.320	ng/ul	99
23) Isophorone	9.757	82	1066166	19.212	ng/ul	99
25) 2-Nitrophenol	9.945	139	234839	20.706	ng/ul	98
26) 2,4-Dimethylphenol	10.004	107	555241	19.849	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.245	93	655132	19.806	ng/ul	99
29) 2,4-Dichlorophenol	10.480	162	444271	19.859	ng/ul	99
30) Naphthalene	10.886	128	1617736	19.607	ng/ul	99
32) 4-Chloroaniline	10.992	127	689986	18.889	ng/ul	100
33) Hexachlorobutadiene	11.180	225	263233	19.239	ng/ul	98
34) Caprolactam	11.751	113	126963	17.496	ng/ul	93
35) 4-Chloro-3-methylphenol	12.104	107	487781	19.752	ng/ul	99
36) 2-Methylnaphthalene	12.492	142	1078264	19.615	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.704	142	1082062	19.580	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.851	216	531894	19.611	ng/ul	99
40)	Hexachlorocyclopentadiene	12.839	237	274926	19.451	ng/ul	96
41)	2,4,6-Trichlorophenol	13.086	196	326958	19.689	ng/ul	99
42)	2,4,5-Trichlorophenol	13.157	196	357309	20.069	ng/ul	100
43)	1,1'-Biphenyl	13.492	154	1410788	19.972	ng/ul	100
44)	2-Chloronaphthalene	13.533	162	1089942	19.664	ng/ul	98
45)	2-Nitroaniline	13.727	65	286963	21.034	ng/ul	96
47)	Dimethylphthalate	14.110	163	1326838	19.354	ng/ul	99
48)	2,6-Dinitrotoluene	14.221	165	233932	20.988	ng/ul	98
50)	Acenaphthylene	14.374	152	1710424	19.515	ng/ul	99
51)	3-Nitroaniline	14.545	138	256446	19.184	ng/ul	99
52)	Acenaphthene	14.710	153	1195773	19.499	ng/ul	99
53)	2,4-Dinitrophenol	14.745	184	94773	19.163	ng/ul	97
55)	4-Nitrophenol	14.839	109	200016	18.666	ng/ul	98
56)	Dibenzofuran	15.045	168	1616007	19.622	ng/ul	96
57)	2,4-Dinitrotoluene	15.004	165	337662	20.839	ng/ul	97
58)	2,3,4,6-Tetrachlorophenol	15.262	232	288842	19.380	ng/ul#	95
59)	Diethylphthalate	15.468	149	1315332	19.166	ng/ul	99
61)	Fluorene	15.692	166	1367279	19.493	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.686	204	649470	19.361	ng/ul	98
63)	4-Nitroaniline	15.704	138	242352	18.660	ng/ul	98
66)	4,6-Dinitro-2-methylph...	15.757	198	165869	19.338	ng/ul	99
67)	N-Nitrosodiphenylamine	15.898	169	1123590	19.857	ng/ul	99
68)	4-Bromophenyl-phenylether	16.580	248	331872	17.526	ng/ul	99
69)	Hexachlorobenzene	16.686	284	420005	18.753	ng/ul	95
70)	Atrazine	16.845	200	358418	17.950	ng/ul	99
71)	Pentachlorophenol	17.033	266	229489	17.250	ng/ul	99
72)	Phenanthrene	17.427	178	2081736	19.672	ng/ul	100
74)	Anthracene	17.521	178	2105578	19.576	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.457	216	518491	19.732	ng/uL	99
76)	Pentachlorobenzene	14.962	250	558741	19.660	ng/uL	99
77)	Carbazole	17.786	167	1872692	18.805	ng/ul	100
78)	Di-n-butylphthalate	18.356	149	2081262	18.439	ng/ul	100
80)	Fluoranthene	19.433	202	2269750	20.117	ng/ul	99
82)	Pyrene	19.792	202	2427099	20.322	ng/ul	98
83)	Butylbenzylphthalate	20.692	149	875727	19.350	ng/ul	95
84)	3,3'-Dichlorobenzidine	21.462	252	705087	19.281	ng/ul	97
85)	Benzo(a)anthracene	21.533	228	2328921	19.860	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.468	149	1333490	20.171	ng/ul	100
87)	Chrysene	21.586	228	2191047	19.685	ng/ul	99
89)	Di-n-octyl phthalate	22.415	149	2134797	19.704	ng/ul	100
90)	Benzo(b)fluoranthene	23.244	252	2313478	20.301	ng/ul	100
91)	Benzo(k)fluoranthene	23.297	252	2201864	19.337	ng/ul	98
93)	Benzo(a)pyrene	23.885	252	1968510	19.649	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.538	276	2112942	18.061	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.562	278	1938920	18.275	ng/ul	98
96)	Benzo(g,h,i)perylene	27.320	276	1783369	17.584	ng/ul	100

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

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