Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101822\
Data File : BN022170.D
Acq On : 18 Oct 2022 10:36
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 19 00:47:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 13 03:08:08 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD020348

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/19/2022
Supervised By :mohammad ahmed 10/19/2022

10/19/2022
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10/19/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	182369	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	954119	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.628	164	628122	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	1320773	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	1078813	20.000	ng/ul	0.00
88) Perylene-d12	24.057	264	896999	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	31335	6.512	ng/uL	0.00
4) Pyridine-d5	3.687	84	253696	16.950	ng/ul	0.00
7) Phenol-d5	7.110	99	331260	18.580	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	199484	17.856	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.475	132	237337	19.200	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	274521	19.378	ng/ul	0.00
21) Nitrobenzene-d5	9.134	128	131067	18.734	ng/ul	0.00
24) 2-Nitrophenol-d4	9.857	143	145469	20.286	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.398	165	254021	18.872	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.928	131	397974	18.085	ng/ul	0.00
46) Dimethylphthalate-d6	14.039	166	775723	17.717	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	918374	18.783	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	159817	17.100	ng/ul	0.00
60) Fluorene-d10	15.622	176	676083	18.307	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	117968	15.656	ng/ul	0.00
73) Anthracene-d10	17.480	188	1016541	17.711	ng/ul	0.00
81) Pyrene-d10	19.786	212	1100643	20.492	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.886	264	811793	18.454	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	34028	6.489	ng/uL	95
5) Pyridine	3.711	79	251798	16.958	ng/ul	97
6) Benzaldehyde	7.081	77	167161	18.986	ng/ul	97
8) Phenol	7.134	94	348102	18.395	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.369	93	273567	18.172	ng/ul	99
12) 2-Chlorophenol	7.505	128	254789	18.667	ng/ul	98
13) 2-Methylphenol	8.404	108	268641	18.988	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.487	45	392265	18.209	ng/ul	99
16) Acetophenone	8.793	105	433369	19.147	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.775	70	235995	19.576	ng/ul	98
18) 4-Methylphenol	8.734	108	300257	18.953	ng/ul	94
19) Hexachloroethane	9.040	117	97569	18.309	ng/ul	96
22) Nitrobenzene	9.175	77	334134	18.087	ng/ul	99
23) Isophorone	9.704	82	670265	18.377	ng/ul	98
25) 2-Nitrophenol	9.893	139	164564	19.446	ng/ul	97
26) 2,4-Dimethylphenol	9.951	107	332934	18.659	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.193	93	409596	17.959	ng/ul	98
29) 2,4-Dichlorophenol	10.428	162	271972	19.374	ng/ul	96
30) Naphthalene	10.834	128	897412	17.558	ng/ul	98
32) 4-Chloroaniline	10.951	127	408710	17.916	ng/ul	98
33) Hexachlorobutadiene	11.110	225	141546	18.377	ng/ul	96
34) Caprolactam	11.734	113	95095m	17.435	ng/ul	
35) 4-Chloro-3-methylphenol	12.075	107	322329	19.046	ng/ul	98
36) 2-Methylnaphthalene	12.445	142	643403	18.228	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.669	142	643820	18.214	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.816	216	299297	18.368	ng/ul	97
40) Hexachlorocyclopentadiene	12.792	237	150536	16.526	ng/ul	92
41) 2,4,6-Trichlorophenol	13.057	196	209460	18.852	ng/ul	97
42) 2,4,5-Trichlorophenol	13.134	196	236034	19.076	ng/ul	92
43) 1,1'-Biphenyl	13.463	154	831139	18.126	ng/ul	99
44) 2-Chloronaphthalene	13.504	162	648133	18.090	ng/ul	96
45) 2-Nitroaniline	13.716	65	214957	19.366	ng/ul	98
47) Dimethylphthalate	14.087	163	815200	17.321	ng/ul	100
48) 2,6-Dinitrotoluene	14.210	165	171489	19.452	ng/ul	97
50) Acenaphthylene	14.351	152	1011992	18.124	ng/ul	99
51) 3-Nitroaniline	14.539	138	182335	17.517	ng/ul	98
52) Acenaphthene	14.692	153	702267	17.735	ng/ul	98
53) 2,4-Dinitrophenol	14.751	184	95610	16.010	ng/ul	97
55) 4-Nitrophenol	14.845	109	129491	17.088	ng/ul	99
56) Dibenzofuran	15.028	168	958515	17.739	ng/ul	100
57) 2,4-Dinitrotoluene	14.998	165	247595	19.171	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.251	232	190653	18.515	ng/ul	95
59) Diethylphthalate	15.451	149	839283	17.556	ng/ul	99
61) Fluorene	15.681	166	780941	17.978	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.669	204	357616	17.570	ng/ul	98
63) 4-Nitroaniline	15.704	138	176530	18.175	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.763	198	123404	15.255	ng/ul	95
67) N-Nitrosodiphenylamine	15.886	169	677697	17.743	ng/ul	98
68) 4-Bromophenyl-phenylether	16.569	248	217033	18.602	ng/ul	89
69) Hexachlorobenzene	16.680	284	246114	17.329	ng/ul	97
70) Atrazine	16.845	200	228680	17.778	ng/ul	98
71) Pentachlorophenol	17.028	266	147403	16.784	ng/ul	96
72) Phenanthrene	17.428	178	1253161	17.589	ng/ul	98
74) Anthracene	17.516	178	1233407	17.429	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.422	216	302174	18.190	ng/uL	98
76) Pentachlorobenzene	14.945	250	324152	18.179	ng/uL	94
77) Carbazole	17.792	167	1167027	17.829	ng/ul	100
78) Di-n-butylphthalate	18.351	149	1478338	18.223	ng/ul	100
80) Fluoranthene	19.445	202	1401030	20.780	ng/ul	97
82) Pyrene	19.816	202	1410000	19.989	ng/ul	99
83) Butylbenzylphthalate	20.710	149	669589	21.880	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.498	252	389813	16.708	ng/ul	99
85) Benzo(a)anthracene	21.568	228	1263453	18.328	ng/ul#	96
86) Bis(2-ethylhexyl)phtha...	21.486	149	996585	22.515	ng/ul	99
87) Chrysene	21.621	228	1145347	17.289	ng/ul	97
89) Di-n-octyl phthalate	22.433	149	1677202	26.390	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	1094412	19.345	ng/ul	98
91) Benzo(k)fluoranthene	23.345	252	1082909	19.374	ng/ul	96
93) Benzo(a)pyrene	23.939	252	925434	18.302	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.645	276	1006810	15.931	ng/ul	98
95) Dibenzo(a,h)anthracene	26.656	278	883372m	15.623	ng/ul	
96) Benzo(g,h,i)perylene	27.439	276	858086	15.092	ng/ul	99

10/19/2022
Supervised By :mohammad ahmed

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

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