Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022723\
Data File : BN024104.D
Acq On : 27 Feb 2023 12:11
Operator : CG/JU
Sample : SSTD01072
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 27 14:06:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN022723.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 27 14:05:23 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD010239

Manual Integrations APPROVED

Reviewed By :Yogesh Patel

02/28/2023
Supervised By :Jagrut Upadhyay

02/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	234858	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	897998	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.704	164	511127	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	1037683	20.000	ng/ul	0.00
79) Chrysene-d12	21.639	240	927852	20.000	ng/ul	0.00
88) Perylene-d12	24.168	264	1054602	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	21679	3.733	ng/uL	0.00
4) Pyridine-d5	3.840	84	147131	9.132	ng/ul	0.00
7) Phenol-d5	7.205	99	183686	9.149	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	116378	9.186	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	153213	9.812	ng/ul	0.00
15) 4-Methylphenol-d8	8.763	113	142711	9.099	ng/ul	0.00
21) Nitrobenzene-d5	9.234	128	59741	8.333	ng/ul	0.00
24) 2-Nitrophenol-d4	9.957	143	62234	7.731	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	141310	9.420	ng/ul	0.00
31) 4-Chloroaniline-d4	11.016	131	192622	9.501	ng/ul	0.00
46) Dimethylphthalate-d6	14.104	166	378488	9.581	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	461693	10.549	ng/ul	0.00
54) 4-Nitrophenol-d4	14.869	143	54624	8.038	ng/ul	0.00
60) Fluorene-d10	15.692	176	329950	9.920	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	33316	4.647	ng/ul	0.00
73) Anthracene-d10	17.545	188	472767	10.001	ng/ul	0.00
81) Pyrene-d10	19.833	212	540803	9.676	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.992	264	528238	9.791	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	24187	3.937	ng/uL	96
5) Pyridine	3.858	79	154685	9.550	ng/ul	99
6) Benzaldehyde	7.193	77	112323	12.912	ng/ul	99
8) Phenol	7.234	94	191877	9.468	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.481	93	153641	9.327	ng/ul	99
12) 2-Chlorophenol	7.622	128	156537	9.859	ng/ul	99
13) 2-Methylphenol	8.499	108	141026	9.289	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.599	45	214150	10.436	ng/ul	99
16) Acetophenone	8.893	105	229207	9.367	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.875	70	113470	8.635	ng/ul	100
18) 4-Methylphenol	8.828	108	150501	9.202	ng/ul	97
19) Hexachloroethane	9.157	117	63326	9.546	ng/ul	94
22) Nitrobenzene	9.275	77	150437	8.271	ng/ul	97
23) Isophorone	9.799	82	319640	9.550	ng/ul	99
25) 2-Nitrophenol	9.987	139	71681	8.512	ng/ul	96
26) 2,4-Dimethylphenol	10.046	107	164301	9.792	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.287	93	196949	9.474	ng/ul	99
29) 2,4-Dichlorophenol	10.522	162	141286	9.712	ng/ul	99
30) Naphthalene	10.940	128	492576	10.229	ng/ul	99
32) 4-Chloroaniline	11.040	127	195044	9.637	ng/ul	100
33) Hexachlorobutadiene	11.228	225	98568	9.449	ng/ul	96
34) Caprolactam	11.787	113	38751m	9.368	ng/ul	
35) 4-Chloro-3-methylphenol	12.145	107	142886	9.348	ng/ul	94
36) 2-Methylnaphthalene	12.540	142	315684	9.737	ng/ul	97

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37) 1-Methylnaphthalene	12.757	142	311932	9.457	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.898	216	172741	9.647	ng/ul	98
40) Hexachlorocyclopentadiene	12.887	237	80082	6.172	ng/ul	96
41) 2,4,6-Trichlorophenol	13.134	196	106444	9.367	ng/ul	91
42) 2,4,5-Trichlorophenol	13.198	196	113289	9.206	ng/ul	99
43) 1,1'-Biphenyl	13.539	154	414370	10.182	ng/ul	98
44) 2-Chloronaphthalene	13.581	162	327624	10.356	ng/ul	99
45) 2-Nitroaniline	13.775	65	49462	5.478	ng/ul	95
47) Dimethylphthalate	14.151	163	376111	9.558	ng/ul	98
48) 2,6-Dinitrotoluene	14.269	165	39708	5.163	ng/ul	96
50) Acenaphthylene	14.422	152	498901	10.708	ng/ul	99
51) 3-Nitroaniline	14.592	138	51088	7.542	ng/ul#	96
52) Acenaphthene	14.763	153	334106	10.265	ng/ul	95
53) 2,4-Dinitrophenol	14.798	184	22158	4.285	ng/ul	96
55) 4-Nitrophenol	14.881	109	46286	7.696	ng/ul	96
56) Dibenzofuran	15.098	168	462903	10.053	ng/ul	99
57) 2,4-Dinitrotoluene	15.051	165	61353	5.747	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.316	232	93542	8.739	ng/ul	95
59) Diethylphthalate	15.516	149	359512	9.357	ng/ul	99
61) Fluorene	15.745	166	376573	9.978	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.739	204	188653	9.502	ng/ul	99
63) 4-Nitroaniline	15.751	138	46423	7.999	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.810	198	35017	5.022	ng/ul#	99
67) N-Nitrosodiphenylamine	15.951	169	306269	10.242	ng/ul	96
68) 4-Bromophenyl-phenylether	16.633	248	113791	9.359	ng/ul	99
69) Hexachlorobenzene	16.745	284	132265	9.521	ng/ul	97
70) Atrazine	16.898	200	95682	8.190	ng/ul	98
71) Pentachlorophenol	17.086	266	77399	8.771	ng/ul	98
72) Phenanthrene	17.486	178	555309	10.053	ng/ul	99
74) Anthracene	17.580	178	574658	10.390	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.504	216	175011	10.514	ng/uL	95
76) Pentachlorobenzene	15.016	250	163955	9.924	ng/uL	97
77) Carbazole	17.845	167	506387	10.623	ng/ul	98
78) Di-n-butylphthalate	18.416	149	527651	6.628	ng/ul	99
80) Fluoranthene	19.498	202	648091	9.745	ng/ul	99
82) Pyrene	19.863	202	674224	9.960	ng/ul	99
83) Butylbenzylphthalate	20.763	149	74655	2.815	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.545	252	167520	7.675	ng/ul	97
85) Benzo(a)anthracene	21.621	228	638520	9.931	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.551	149	139682	3.549	ng/ul	99
87) Chrysene	21.674	228	612324	10.291	ng/ul	99
89) Di-n-octyl phthalate	22.527	149	288700	3.960	ng/ul	100
90) Benzo(b)fluoranthene	23.392	252	643249	9.258	ng/ul	99
91) Benzo(k)fluoranthene	23.445	252	645455	9.750	ng/ul	100
93) Benzo(a)pyrene	24.045	252	586858	9.949	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.821	276	766082	10.062	ng/ul	99
95) Dibenzo(a,h)anthracene	26.845	278	629128	9.958	ng/ul	97
96) Benzo(g,h,i)perylene	27.633	276	630199	10.234	ng/ul	98

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

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