Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041023\
Data File : BN024823.D
Acq On : 10 Apr 2023 13:44
Operator : CG/JU
Sample : SSTD08093
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 11 02:41:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 10 15:00:02 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD080215

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	372920	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	1639384	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.593	164	1002698	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.339	188	2070198	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	1806497	20.000	ng/ul	0.00
88) Perylene-d12	23.998	264	2078642	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	304643	31.287	ng/uL	0.00
4) Pyridine-d5	3.734	84	2355742	80.292	ng/ul	0.00
7) Phenol-d5	7.111	99	2938635	80.826	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	1913721	78.696	ng/ul	0.01
11) 2-Chlorophenol-d4	7.475	132	2202351	82.427	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	2319074	80.348	ng/ul	0.01
21) Nitrobenzene-d5	9.122	128	1162599	87.586	ng/ul	0.00
24) 2-Nitrophenol-d4	9.846	143	1287881	89.575	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	2127052	82.770	ng/ul	0.01
31) 4-Chloroaniline-d4	10.910	131	3128763	80.226	ng/ul	0.01
46) Dimethylphthalate-d6	14.010	166	6081150	78.233	ng/ul	0.01
49) Acenaphthylene-d8	14.293	160	7055808	79.212	ng/ul	0.00
54) 4-Nitrophenol-d4	14.810	143	1328166	83.355	ng/ul	0.02
60) Fluorene-d10	15.587	176	4874468	74.273	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.716	200	1175058	87.218	ng/ul	0.02
73) Anthracene-d10	17.445	188	7487340	77.007	ng/ul	0.01
81) Pyrene-d10	19.739	212	8193971	78.112	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.851	264	8683521	79.896	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	329177	31.131	ng/uL	99
5) Pyridine	3.752	79	2451941	80.887	ng/ul	96
6) Benzaldehyde	7.081	77	1163872	65.400	ng/ul	98
8) Phenol	7.140	94	3029625	80.013	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.369	93	2355769	79.249	ng/ul	98
12) 2-Chlorophenol	7.511	128	2241265	80.315	ng/ul	99
13) 2-Methylphenol	8.399	108	2237056	80.471	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.481	45	4536936	77.727	ng/ul	100
16) Acetophenone	8.787	105	3542937	77.630	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.787	70	1948932	79.170	ng/ul	97
18) 4-Methylphenol	8.740	108	2446284	79.132	ng/ul	96
19) Hexachloroethane	9.034	117	925132	82.143	ng/ul	99
22) Nitrobenzene	9.169	77	2926643	82.053	ng/ul	98
23) Isophorone	9.705	82	5528119	84.434	ng/ul	100
25) 2-Nitrophenol	9.881	139	1340582	86.437	ng/ul	97
26) 2,4-Dimethylphenol	9.940	107	2667801	81.698	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.175	93	3232973	79.345	ng/ul	100
29) 2,4-Dichlorophenol	10.410	162	2102686	81.526	ng/ul	98
30) Naphthalene	10.816	128	7094190	77.484	ng/ul	99
32) 4-Chloroaniline	10.934	127	3171331	80.328	ng/ul	99
33) Hexachlorobutadiene	11.099	225	1187011	78.960	ng/ul	93
34) Caprolactam	11.740	113	768657m	85.096	ng/ul	
35) 4-Chloro-3-methylphenol	12.057	107	2514155	83.138	ng/ul	99
36) 2-Methylnaphthalene	12.422	142	4655580	76.939	ng/ul	99

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37) 1-Methylnaphthalene	12.646	142	4683624	77.538	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.793	216	2227772	76.169	ng/ul	95
40) Hexachlorocyclopentadiene	12.769	237	1473198	82.602	ng/ul	95
41) 2,4,6-Trichlorophenol	13.034	196	1641153	82.124	ng/ul	98
42) 2,4,5-Trichlorophenol	13.104	196	1764091	80.667	ng/ul	98
43) 1,1'-Biphenyl	13.434	154	6053107	75.768	ng/ul	99
44) 2-Chloronaphthalene	13.475	162	4780234	77.060	ng/ul	98
45) 2-Nitroaniline	13.687	65	1936922	89.418	ng/ul	99
47) Dimethylphthalate	14.057	163	6121773	78.274	ng/ul	99
48) 2,6-Dinitrotoluene	14.187	165	1358166	88.968	ng/ul	97
50) Acenaphthylene	14.322	152	7516607	76.829	ng/ul	100
51) 3-Nitroaniline	14.510	138	1275528	79.510	ng/ul	100
52) Acenaphthene	14.663	153	5093486	75.305	ng/ul	97
53) 2,4-Dinitrophenol	14.716	184	913397	93.058	ng/ul	96
55) 4-Nitrophenol	14.828	109	1052389	81.150	ng/ul	96
56) Dibenzofuran	14.998	168	7011424	75.207	ng/ul	99
57) 2,4-Dinitrotoluene	14.969	165	1909201	86.397	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.222	232	1440469	79.992	ng/ul	97
59) Diethylphthalate	15.422	149	6260299	79.659	ng/ul	100
61) Fluorene	15.645	166	5363244	71.522	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.634	204	2467124	70.684	ng/ul	92
63) 4-Nitroaniline	15.687	138	1226737	78.814	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.734	198	1130342	85.649	ng/ul	99
67) N-Nitrosodiphenylamine	15.851	169	4793697	76.325	ng/ul	96
68) 4-Bromophenyl-phenylether	16.534	248	1611770	77.456	ng/ul	96
69) Hexachlorobenzene	16.651	284	1798832	76.352	ng/ul	99
70) Atrazine	16.810	200	1738047	81.327	ng/ul	98
71) Pentachlorophenol	16.992	266	1217725	83.156	ng/ul	95
72) Phenanthrene	17.386	178	8839165	75.662	ng/ul	99
74) Anthracene	17.481	178	8754666	74.370	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.398	216	2310730	78.476	ng/uL	98
76) Pentachlorobenzene	14.916	250	2153446	76.440	ng/uL	99
77) Carbazole	17.751	167	8315016	78.228	ng/ul	98
78) Di-n-butylphthalate	18.310	149	10534038	83.496	ng/ul	100
80) Fluoranthene	19.404	202	9931294	78.993	ng/ul	99
82) Pyrene	19.769	202	9860539	74.512	ng/ul	99
83) Butylbenzylphthalate	20.663	149	4940061	89.915	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.457	252	3291953	79.423	ng/ul	98
85) Benzo(a)anthracene	21.522	228	10037080	77.361	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.439	149	6880805	83.894	ng/ul	98
87) Chrysene	21.580	228	9430895	76.314	ng/ul	96
89) Di-n-octyl phthalate	22.386	149	12729408	89.111	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	10689678	78.417	ng/ul	98
91) Benzo(k)fluoranthene	23.304	252	9974262	74.359	ng/ul	97
93) Benzo(a)pyrene	23.910	252	9169565	76.830	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.574	276	11462623m	80.713	ng/ul	
95) Dibenzo(a,h)anthracene	26.604	278	9193090m	78.238	ng/ul	
96) Benzo(g,h,i)perylene	27.386	276	9445115m	82.392	ng/ul	

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

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