Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023927.D
Acq On : 03 Feb 2023 05:23
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020399

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

Quant Time: Feb 03 06:46:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 02 02:10:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	178879	20.000	ng/ul	0.00
20) Naphthalene-d8	10.657	136	749249	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.504	164	494291	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	1097477	20.000	ng/ul	0.00
79) Chrysene-d12	21.445	240	1012416	20.000	ng/ul	0.00
88) Perylene-d12	23.851	264	1025594	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	33495	7.557	ng/uL	0.00
4) Pyridine-d5	3.658	84	245610	19.834	ng/ul	0.00
7) Phenol-d5	7.016	99	304985	19.524	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	197929	20.050	ng/ul	0.00
11) 2-Chlorophenol-d4	7.375	132	249769	20.450	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	250318	20.201	ng/ul	0.00
21) Nitrobenzene-d5	9.016	128	123305	20.284	ng/ul	0.00
24) 2-Nitrophenol-d4	9.740	143	139929	20.230	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	260615	20.179	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	368988	20.942	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	803240	20.354	ng/ul	0.00
49) Acenaphthylene-d8	14.198	160	902302	21.137	ng/ul	0.00
54) 4-Nitrophenol-d4	14.716	143	138367	19.340	ng/ul	0.00
60) Fluorene-d10	15.498	176	679136	20.528	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	142068	18.294	ng/ul	0.00
73) Anthracene-d10	17.351	188	1060864	20.763	ng/ul	0.00
81) Pyrene-d10	19.645	212	1239881	20.172	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.680	264	1083055	20.347	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	34027	7.453	ng/uL#	79
5) Pyridine	3.681	79	250223	20.109	ng/ul	95
6) Benzaldehyde	6.987	77	139592	20.551	ng/ul	99
8) Phenol	7.046	94	312502	19.900	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.275	93	258754	20.225	ng/ul	98
12) 2-Chlorophenol	7.410	128	254397	20.583	ng/ul	99
13) 2-Methylphenol	8.299	108	234518	19.683	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.381	45	327476	20.045	ng/ul	99
16) Acetophenone	8.681	105	397170	20.695	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.669	70	213918	20.305	ng/ul	98
18) 4-Methylphenol	8.634	108	261621	20.271	ng/ul	97
19) Hexachloroethane	8.928	117	105839	20.446	ng/ul	99
22) Nitrobenzene	9.063	77	312434	20.473	ng/ul	100
23) Isophorone	9.587	82	585360	20.323	ng/ul	100
25) 2-Nitrophenol	9.775	139	147705	20.564	ng/ul	96
26) 2,4-Dimethylphenol	9.840	107	300094	21.098	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.075	93	358537	20.375	ng/ul	99
29) 2,4-Dichlorophenol	10.304	162	262873	21.092	ng/ul	99
30) Naphthalene	10.710	128	838175	20.657	ng/ul	99
32) 4-Chloroaniline	10.828	127	365513	20.844	ng/ul	97
33) Hexachlorobutadiene	10.987	225	181840	20.822	ng/ul	97
34) Caprolactam	11.610	113	75606m	19.414	ng/ul	
35) 4-Chloro-3-methylphenol	11.957	107	279302	20.908	ng/ul	98
36) 2-Methylnaphthalene	12.322	142	584288	21.192	ng/ul	97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.540	142	596425	21.145	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.693	216	359248	21.152	ng/ul	98
40)	Hexachlorocyclopentadiene	12.669	237	222463	18.194	ng/ul	95
41)	2,4,6-Trichlorophenol	12.934	196	225449	20.119	ng/ul	98
42)	2,4,5-Trichlorophenol	13.004	196	251480	20.719	ng/ul	93
43)	1,1'-Biphenyl	13.334	154	801943	20.588	ng/ul	100
44)	2-Chloronaphthalene	13.375	162	632294	20.862	ng/ul	99
45)	2-Nitroaniline	13.592	65	182600	20.065	ng/ul	97
47)	Dimethylphthalate	13.963	163	794139	20.277	ng/ul	99
48)	2,6-Dinitrotoluene	14.087	165	164011	21.123	ng/ul	95
50)	Acenaphthylene	14.222	152	960460	20.948	ng/ul	99
51)	3-Nitroaniline	14.416	138	138641	19.835	ng/ul	99
52)	Acenaphthene	14.569	153	643710	20.225	ng/ul	99
53)	2,4-Dinitrophenol	14.622	184	86361	15.821	ng/ul	96
55)	4-Nitrophenol	14.728	109	123166	20.250	ng/ul	95
56)	Dibenzofuran	14.904	168	948860	20.898	ng/ul	100
57)	2,4-Dinitrotoluene	14.875	165	232890	21.199	ng/ul	97
58)	2,3,4,6-Tetrachlorophenol	15.134	232	222908	20.593	ng/ul	96
59)	Diethylphthalate	15.328	149	789671	20.292	ng/ul	97
61)	Fluorene	15.551	166	766228	20.635	ng/ul	93
62)	4-Chlorophenyl-phenyle...	15.545	204	414197	21.263	ng/ul	99
63)	4-Nitroaniline	15.581	138	125697	19.814	ng/ul	96
66)	4,6-Dinitro-2-methylph...	15.639	198	139006	18.591	ng/ul	98
67)	N-Nitrosodiphenylamine	15.763	169	652025	20.576	ng/ul	97
68)	4-Bromophenyl-phenylether	16.439	248	259066	20.155	ng/ul	94
69)	Hexachlorobenzene	16.551	284	306750	20.657	ng/ul	94
70)	Atrazine	16.722	200	255353	20.055	ng/ul	98
71)	Pentachlorophenol	16.904	266	181782	19.119	ng/ul	99
72)	Phenanthrene	17.292	178	1206422	20.411	ng/ul	98
74)	Anthracene	17.386	178	1233365	20.936	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.298	216	348327	20.630	ng/uL	98
76)	Pentachlorobenzene	14.822	250	358853	21.312	ng/uL	99
77)	Carbazole	17.663	167	1070189	20.730	ng/ul	99
78)	Di-n-butylphthalate	18.222	149	1319502	11.925	ng/ul	99
80)	Fluoranthene	19.310	202	1447192	20.168	ng/ul	99
82)	Pyrene	19.675	202	1466412	20.091	ng/ul	99
83)	Butylbenzylphthalate	20.574	149	587855	19.312	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.369	252	485270	20.408	ng/ul	99
85)	Benzo(a)anthracene	21.427	228	1465460	20.888	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.357	149	916685	20.413	ng/ul	96
87)	Chrysene	21.480	228	1398044	21.596	ng/ul	98
89)	Di-n-octyl phthalate	22.274	149	1478248	19.162	ng/ul	100
90)	Benzo(b)fluoranthene	23.116	252	1411540	19.956	ng/ul	99
91)	Benzo(k)fluoranthene	23.163	252	1361392	20.382	ng/ul	96
93)	Benzo(a)pyrene	23.733	252	1214652	20.411	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	26.321	276	1447978	20.165	ng/ul	97
95)	Dibenzo(a,h)anthracene	26.339	278	1184202	19.940	ng/ul	99
96)	Benzo(g,h,i)perylene	27.092	276	1141226	20.183	ng/ul	99

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

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