Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011121\
Data File : BN013376.D
Acq On : 11 Jan 2021 10:01
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 11 11:06:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN010521.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 08 12:05:50 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD020004

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	368724	20.00	ng/ul	0.00
20) Naphthalene-d8	10.36	136	1504333	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	890586	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	1807453	20.00	ng/ul	0.00
79) Chrysene-d12	21.16	240	1764672	20.00	ng/ul	-0.01
88) Perylene-d12	23.34	264	1889883	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	74014	7.65	ng/uL	0.00
4) Pyridine-d5	3.58	84	493563	20.44	ng/ul	0.00
7) Phenol-d5	6.77	99	614597	19.85	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.94	67	358410	20.78	ng/ul	0.00
11) 2-Chlorophenol-d4	7.13	132	529773	19.64	ng/ul	0.00
15) 4-Methylphenol-d8	8.29	113	493733	19.74	ng/ul	0.00
21) Nitrobenzene-d5	8.73	128	241243	20.13	ng/ul	0.00
24) 2-Nitrophenol-d4	9.45	143	247633	20.05	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.98	165	496649	20.35	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	734602	22.00	ng/ul	0.00
46) Dimethylphthalate-d6	13.65	166	1397572	20.29	ng/ul	0.00
49) Acenaphthylene-d8	13.92	160	1755599	20.66	ng/ul	0.00
54) 4-Nitrophenol-d4	14.42	143	251311	19.98	ng/ul	0.00
60) Fluorene-d10	15.22	176	1238928	20.79	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	194097	21.82	ng/ul	0.00
73) Anthracene-d10	17.07	188	1844780	21.01	ng/ul	0.00
81) Pyrene-d10	19.37	212	1980632	20.84	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.20	264	2080752	21.08	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	77122	8.024	ng/uL	99
5) Pyridine	3.60	79	500400	20.586	ng/ul	97
6) Benzaldehyde	6.75	77	177872	15.300	ng/ul	98
8) Phenol	6.80	94	638792	20.394	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.03	93	526731	21.222	ng/ul	98
12) 2-Chlorophenol	7.16	128	546309	19.877	ng/ul	99
13) 2-Methylphenol	8.03	108	479236	19.859	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.13	45	735677	21.153	ng/ul	99
16) Acetophenone	8.40	105	771951	21.027	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.40	70	352000	19.325	ng/ul	98
18) 4-Methylphenol	8.36	108	534808	20.645	ng/ul	99
19) Hexachloroethane	8.66	117	219234	20.328	ng/ul	96
22) Nitrobenzene	8.78	77	561146	20.895	ng/ul	98
23) Isophorone	9.30	82	982697	19.350	ng/ul	99
25) 2-Nitrophenol	9.48	139	286265	20.816	ng/ul	99
26) 2,4-Dimethylphenol	9.55	107	569834	20.521	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.79	93	676662	20.599	ng/ul	99
29) 2,4-Dichlorophenol	10.00	162	498476	20.749	ng/ul	99
30) Naphthalene	10.41	128	1787891	21.182	ng/ul	99
32) 4-Chloroaniline	10.52	127	721366	22.698	ng/ul	96
33) Hexachlorobutadiene	10.70	225	317330	21.131	ng/ul	99
34) Caprolactam	11.28	113	135034m	18.227	ng/ul	

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35) 4-Chloro-3-methylphenol	11.65	107	502853	19.543	ng/ul	96
36) 2-Methylnaphthalene	12.03	142	1221125	21.039	ng/ul	98
37) 1-Methylnaphthalene	12.25	142	1174141	20.988	ng/ul	95
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	582832	21.746	ng/ul	100
40) Hexachlorocyclopentadiene	12.39	237	336456	24.094	ng/ul	95
41) 2,4,6-Trichlorophenol	12.64	196	359856	20.360	ng/ul	94
42) 2,4,5-Trichlorophenol	12.71	196	392838	20.887	ng/ul	99
43) 1,1'-Biphenyl	13.05	154	1533553	21.378	ng/ul	98
44) 2-Chloronaphthalene	13.09	162	1220866	21.610	ng/ul	97
45) 2-Nitroaniline	13.29	65	284230	19.743	ng/ul	99
47) Dimethylphthalate	13.69	163	1446645	20.470	ng/ul	100
48) 2,6-Dinitrotoluene	13.80	165	277698	20.718	ng/ul	95
50) Acenaphthylene	13.94	152	1835087	21.364	ng/ul	99
51) 3-Nitroaniline	14.13	138	191220	15.466	ng/ul	99
52) Acenaphthene	14.29	153	1302747	21.497	ng/ul	98
53) 2,4-Dinitrophenol	14.33	184	115641	19.251	ng/ul	98
55) 4-Nitrophenol	14.44	109	193493	20.427	ng/ul	97
56) Dibenzofuran	14.63	168	1755561	21.159	ng/ul	96
57) 2,4-Dinitrotoluene	14.59	165	404355	21.172	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.85	232	318755	20.070	ng/ul	99
59) Diethylphthalate	15.07	149	1443054	20.086	ng/ul	100
61) Fluorene	15.27	166	1423496	21.178	ng/ul	97
62) 4-Chlorophenyl-phenylether	15.28	204	697761	21.535	ng/ul	99
63) 4-Nitroaniline	15.29	138	173775	14.965	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.35	198	214680	21.686	ng/ul	97
67) N-Nitrosodiphenylamine	15.49	169	1204771	21.154	ng/ul	98
68) 4-Bromophenyl-phenylether	16.17	248	411494	20.685	ng/ul	100
69) Hexachlorobenzene	16.27	284	476478	21.127	ng/ul	99
70) Atrazine	16.45	200	397797	20.448	ng/ul	99
71) Pentachlorophenol	16.62	266	251129	19.967	ng/ul	97
72) Phenanthrene	17.01	178	2278615	21.728	ng/ul	100
74) Anthracene	17.10	178	2301740	21.506	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.01	216	570294	21.768	ng/uL	96
76) Pentachlorobenzene	14.55	250	569415	21.784	ng/uL	99
77) Carbazole	17.37	167	1996186	22.979	ng/ul	99
78) Di-n-butylphthalate	17.96	149	2335480	19.725	ng/ul	100
80) Fluoranthene	19.03	202	2503113	20.584	ng/ul	100
82) Pyrene	19.40	202	2628592	21.086	ng/ul	99
83) Butylbenzylphthalate	20.32	149	1002392	18.708	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.09	252	633231	18.975	ng/ul	96
85) Benzo(a)anthracene	21.15	228	2474277	21.242	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.11	149	1565577	19.724	ng/ul	99
87) Chrysene	21.20	228	2429214	21.298	ng/ul	99
89) Di-n-octyl phthalate	21.97	149	2560106	21.775	ng/ul	100
90) Benzo(b)fluoranthene	22.69	252	2603156	21.602	ng/ul	100
91) Benzo(k)fluoranthene	22.74	252	2472049	21.537	ng/ul	99
93) Benzo(a)pyrene	23.25	252	2348928	21.500	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.51	276	2923377	21.363	ng/ul	95
95) Dibenzo(a,h)anthracene	25.52	278	2493911	21.746	ng/ul	98
96) Benzo(g,h,i)perylene	26.17	276	2473730	21.332	ng/ul	97

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

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