Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031721\
Data File : BN013962.D
Acq On : 16 Mar 2021 19:29
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SICV058

Quant Time: Mar 17 01:02:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN031721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 16 19:30:10 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	185446	20.00	ng/ul	0.00
20) Naphthalene-d8	10.49	136	765066	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.35	164	444853	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.09	188	907771	20.00	ng/ul	0.00
79) Chrysene-d12	21.27	240	946955	20.00	ng/ul	0.00
88) Perylene-d12	23.50	264	952575	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	35824	7.60	ng/uL	0.00
4) Pyridine-d5	3.61	84	232810	18.03	ng/ul	0.00
7) Phenol-d5	6.88	99	283296	18.03	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.05	67	173744	17.66	ng/ul	0.00
11) 2-Chlorophenol-d4	7.24	132	226804	19.13	ng/ul	0.00
15) 4-Methylphenol-d8	8.41	113	219889	18.24	ng/ul	0.00
21) Nitrobenzene-d5	8.86	128	106841	20.03	ng/ul	0.00
24) 2-Nitrophenol-d4	9.57	143	104771	20.75	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.11	165	212051	19.47	ng/ul	0.00
31) 4-Chloroaniline-d4	10.63	131	302941	18.15	ng/ul	0.00
46) Dimethylphthalate-d6	13.76	166	595324	19.30	ng/ul	0.00
49) Acenaphthylene-d8	14.04	160	726847	19.32	ng/ul	0.00
54) 4-Nitrophenol-d4	14.54	143	110838	18.52	ng/ul	0.00
60) Fluorene-d10	15.34	176	520036	18.94	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.46	200	78306	17.26	ng/ul	0.00
73) Anthracene-d10	17.19	188	782595	18.71	ng/ul	0.00
81) Pyrene-d10	19.49	212	851175	17.79	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.36	264	895564	18.67	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	35863	7.415	ng/uL	98
5) Pyridine	3.63	79	236337	17.785	ng/ul	96
6) Benzaldehyde	6.85	77	178302	22.899	ng/ul	97
8) Phenol	6.90	94	305903	17.905	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.14	93	242960	18.129	ng/ul	99
12) 2-Chlorophenol	7.27	128	243758	18.946	ng/ul	99
13) 2-Methylphenol	8.15	108	222610	18.037	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.24	45	350447	17.404	ng/ul	99
16) Acetophenone	8.52	105	360921	18.035	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.51	70	178242	19.229	ng/ul	97
18) 4-Methylphenol	8.47	108	247021	18.289	ng/ul	99
19) Hexachloroethane	8.78	117	100877	18.953	ng/ul	99
22) Nitrobenzene	8.90	77	269747	18.780	ng/ul	97
23) Isophorone	9.42	82	474934	19.544	ng/ul	99
25) 2-Nitrophenol	9.61	139	121588	20.538	ng/ul	98
26) 2,4-Dimethylphenol	9.67	107	262999	18.872	ng/ul	97
27) Bis(2-Chloroethoxy)methane	9.91	93	308463	18.311	ng/ul	100
29) 2,4-Dichlorophenol	10.13	162	217697	19.074	ng/ul	98
30) Naphthalene	10.54	128	764526	18.198	ng/ul	100
32) 4-Chloroaniline	10.65	127	315956	18.279	ng/ul	100
33) Hexachlorobutadiene	10.83	225	135110	18.636	ng/ul	99
34) Caprolactam	11.40	113	62810	18.354	ng/ul	85

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.77	107	223585	19.334 ng/ul	99
36) 2-Methylnaphthalene	12.16	142	526104	18.424 ng/ul	97
37) 1-Methylnaphthalene	12.37	142	517798	18.284 ng/ul	96
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	263356	18.788 ng/ul	99
40) Hexachlorocyclopentadiene	12.51	237	152912	18.057 ng/ul	98
41) 2,4,6-Trichlorophenol	12.77	196	153673	19.645 ng/ul	96
42) 2,4,5-Trichlorophenol	12.83	196	171037	19.537 ng/ul	99
43) 1,1'-Biphenyl	13.17	154	651171	18.266 ng/ul	99
44) 2-Chloronaphthalene	13.22	162	516593	18.604 ng/ul	98
45) 2-Nitroaniline	13.42	65	137415	20.402 ng/ul	100
47) Dimethylphthalate	13.80	163	615198	19.016 ng/ul	100
48) 2,6-Dinitrotoluene	13.92	165	116979	20.394 ng/ul	96
50) Acenaphthylene	14.07	152	761519	18.841 ng/ul	99
51) 3-Nitroaniline	14.25	138	134101	19.581 ng/ul	88
52) Acenaphthene	14.41	153	548032	18.621 ng/ul	99
53) 2,4-Dinitrophenol	14.45	184	52946	16.671 ng/ul	96
55) 4-Nitrophenol	14.56	109	89891	18.455 ng/ul	99
56) Dibenzofuran	14.75	168	758614	18.646 ng/ul	99
57) 2,4-Dinitrotoluene	14.71	165	171364	20.816 ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.97	232	139669	20.603 ng/ul#	99
59) Diethylphthalate	15.17	149	608984	19.277 ng/ul	98
61) Fluorene	15.40	166	609306	18.550 ng/ul	99
62) 4-Chlorophenyl-phenylether	15.39	204	297738	18.784 ng/ul	94
63) 4-Nitroaniline	15.42	138	142086	20.952 ng/ul	95
66) 4,6-Dinitro-2-methylphenol	15.47	198	85409	17.831 ng/ul#	91
67) N-Nitrosodiphenylamine	15.61	169	522527	18.917 ng/ul	99
68) 4-Bromophenyl-phenylether	16.29	248	173156	18.668 ng/ul	97
69) Hexachlorobenzene	16.40	284	186733	17.370 ng/ul	95
70) Atrazine	16.56	200	169453	18.121 ng/ul	97
71) Pentachlorophenol	16.74	266	100022	17.334 ng/ul	98
72) Phenanthrene	17.13	178	957954	18.518 ng/ul	99
74) Anthracene	17.23	178	976689	18.476 ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.14	216	259772	18.368 ng/uL	98
76) Pentachlorobenzene	14.67	250	250918	17.776 ng/uL	98
77) Carbazole	17.50	167	882155	18.784 ng/ul	98
78) Di-n-butylphthalate	18.07	149	980855	20.237 ng/ul	99
80) Fluoranthene	19.15	202	1067217	17.881 ng/ul	99
82) Pyrene	19.52	202	1134060	17.715 ng/ul	99
83) Butylbenzylphthalate	20.42	149	409110	20.106 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.19	252	339042	20.340 ng/ul	99
85) Benzo(a)anthracene	21.26	228	1103847	18.151 ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.19	149	640488	20.368 ng/ul	99
87) Chrysene	21.31	228	1071861	17.957 ng/ul	98
89) Di-n-octyl phthalate	22.07	149	1083882	18.083 ng/ul	100
90) Benzo(b)fluoranthene	22.83	252	1120114	18.502 ng/ul	98
91) Benzo(k)fluoranthene	22.87	252	1089324	17.920 ng/ul	99
93) Benzo(a)pyrene	23.40	252	1018012	18.675 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.73	276	1325435	19.299 ng/ul	95
95) Dibenzo(a,h)anthracene	25.74	278	1106060	19.111 ng/ul	100
96) Benzo(g,h,i)perylene	26.42	276	1075579	18.928 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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