Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011521\
Data File : BN013418.D
Acq On : 15 Jan 2021 17:59
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SICV057

Quant Time: Jan 15 18:28:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN011521.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 15 17:50:33 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	441974	20.00	ng/ul	0.00
20) Naphthalene-d8	10.35	136	1681592	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	896176	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	1665962	20.00	ng/ul	0.00
79) Chrysene-d12	21.17	240	1422459	20.00	ng/ul	0.00
88) Perylene-d12	23.36	264	1381440	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	94969	8.56	ng/uL	0.00
4) Pyridine-d5	3.57	84	605573	21.05	ng/ul	0.00
7) Phenol-d5	6.76	99	735098	20.68	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.93	67	425916	20.41	ng/ul	0.00
11) 2-Chlorophenol-d4	7.12	132	644602	21.11	ng/ul	0.00
15) 4-Methylphenol-d8	8.29	113	578890	20.27	ng/ul	0.00
21) Nitrobenzene-d5	8.73	128	289731	22.25	ng/ul	0.00
24) 2-Nitrophenol-d4	9.44	143	302547	22.28	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.97	165	568704	21.69	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	766125	20.23	ng/ul	0.00
46) Dimethylphthalate-d6	13.64	166	1406263	20.85	ng/ul	0.00
49) Acenaphthylene-d8	13.91	160	1866838	22.08	ng/ul	0.00
54) 4-Nitrophenol-d4	14.43	143	252835	19.59	ng/ul	0.00
60) Fluorene-d10	15.22	176	1234101	20.84	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	190484	19.37	ng/ul	0.00
73) Anthracene-d10	17.07	188	1734067	21.42	ng/ul	0.00
81) Pyrene-d10	19.37	212	1712718	21.03	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.22	264	1634826	22.33	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	95771	8.360	ng/uL	98
5) Pyridine	3.59	79	616935	21.226	ng/ul	100
6) Benzaldehyde	6.74	77	208968	15.577	ng/ul	99
8) Phenol	6.79	94	759472	20.725	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.02	93	618245	20.586	ng/ul	99
12) 2-Chlorophenol	7.16	128	660307	20.926	ng/ul	99
13) 2-Methylphenol	8.02	108	565059	20.237	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.12	45	849731	20.271	ng/ul	99
16) Acetophenone	8.40	105	882730	20.376	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.39	70	399658	20.423	ng/ul	95
18) 4-Methylphenol	8.35	108	606580	20.180	ng/ul	94
19) Hexachloroethane	8.65	117	267897	20.686	ng/ul	98
22) Nitrobenzene	8.77	77	646308	21.873	ng/ul	97
23) Isophorone	9.29	82	1109560	21.191	ng/ul	100
25) 2-Nitrophenol	9.47	139	340772	22.371	ng/ul	96
26) 2,4-Dimethylphenol	9.54	107	644367	21.723	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.78	93	759461	21.069	ng/ul	100
29) 2,4-Dichlorophenol	10.00	162	569045	21.687	ng/ul	97
30) Naphthalene	10.40	128	2031041	21.275	ng/ul	99
32) 4-Chloroaniline	10.51	127	752447	20.600	ng/ul	98
33) Hexachlorobutadiene	10.69	225	361521	21.088	ng/ul	95
34) Caprolactam	11.26	113	139996	18.370	ng/ul	98

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35) 4-Chloro-3-methylphenol	11.64	107	540069	20.645	ng/ul	97
36) 2-Methylnaphthalene	12.02	142	1347440	20.970	ng/ul	98
37) 1-Methylnaphthalene	12.25	142	1291949	20.865	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	630962	21.946	ng/ul	98
40) Hexachlorocyclopentadiene	12.38	237	395208	22.271	ng/ul	98
41) 2,4,6-Trichlorophenol	12.64	196	389832	22.342	ng/ul	99
42) 2,4,5-Trichlorophenol	12.71	196	417923	22.000	ng/ul	98
43) 1,1'-Biphenyl	13.05	154	1637944	21.705	ng/ul	99
44) 2-Chloronaphthalene	13.09	162	1300157	21.857	ng/ul	100
45) 2-Nitroaniline	13.29	65	296271	22.165	ng/ul	99
47) Dimethylphthalate	13.69	163	1458641	20.975	ng/ul	99
48) 2,6-Dinitrotoluene	13.80	165	290426	21.796	ng/ul	98
50) Acenaphthylene	13.94	152	1911924	21.889	ng/ul	99
51) 3-Nitroaniline	14.13	138	204386	16.529	ng/ul	96
52) Acenaphthene	14.29	153	1349147	21.651	ng/ul	98
53) 2,4-Dinitrophenol	14.33	184	125766	16.859	ng/ul	99
55) 4-Nitrophenol	14.44	109	188465	20.357	ng/ul	97
56) Dibenzofuran	14.63	168	1811273	21.449	ng/ul	96
57) 2,4-Dinitrotoluene	14.59	165	397902	21.009	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.85	232	324455	21.169	ng/ul	98
59) Diethylphthalate	15.07	149	1391787	20.526	ng/ul	99
61) Fluorene	15.28	166	1421255	21.114	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.28	204	694844	21.145	ng/ul	99
63) 4-Nitroaniline	15.29	138	176861	16.074	ng/ul	96
66) 4,6-Dinitro-2-methylphenol	15.36	198	210584	19.755	ng/ul	99
67) N-Nitrosodiphenylamine	15.49	169	1190813	22.078	ng/ul	99
68) 4-Bromophenyl-phenylether	16.17	248	409535	21.766	ng/ul	95
69) Hexachlorobenzene	16.28	284	463737	21.799	ng/ul	97
70) Atrazine	16.45	200	370632	20.584	ng/ul	99
71) Pentachlorophenol	16.63	266	235731	19.590	ng/ul	99
72) Phenanthrene	17.02	178	2150189	21.468	ng/ul	99
74) Anthracene	17.11	178	2161693	21.405	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.01	216	613968	22.830	ng/uL	100
76) Pentachlorobenzene	14.55	250	583730	22.299	ng/uL	97
77) Carbazole	17.38	167	1813680	21.848	ng/ul	99
78) Di-n-butylphthalate	17.96	149	2087468	21.050	ng/ul	99
80) Fluoranthene	19.04	202	2250535	21.254	ng/ul	99
82) Pyrene	19.40	202	2310322	21.173	ng/ul	99
83) Butylbenzylphthalate	20.33	149	813768	21.239	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.10	252	539868	20.252	ng/ul	94
85) Benzo(a)anthracene	21.16	228	2043216	21.573	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.12	149	1211071	21.929	ng/ul	99
87) Chrysene	21.22	228	2005438	21.489	ng/ul	100
89) Di-n-octyl phthalate	21.99	149	1897094	21.038	ng/ul	100
90) Benzo(b)fluoranthene	22.71	252	2066807	22.171	ng/ul	98
91) Benzo(k)fluoranthene	22.76	252	1992614	21.727	ng/ul	99
93) Benzo(a)pyrene	23.27	252	1872386	22.472	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.54	276	2371506	25.209	ng/ul	99
95) Dibenzo(a,h)anthracene	25.56	278	2025687	25.756	ng/ul	98
96) Benzo(g,h,i)perylene	26.20	276	1990162	25.212	ng/ul	98

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

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