Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
Data File : BN012302.D
Acq On : 17 Oct 2020 20:46
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 19 00:59:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 17 15:47:34 2020
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : SSTD02061

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	193119	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	793508	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	496999	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	1017419	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	1000977	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	1045875	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	34467	8.22	ng/uL	0.00
5) Phenol-d5	6.78	99	351041	20.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	214525	20.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	286040	21.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	282330	20.25	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	131144	19.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	156326	20.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	282746	20.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	328032	19.69	ng/ul	0.00
44) Dimethylphthalate-d6	13.66	166	838627	20.79	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	1003159	20.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	153751	19.97	ng/ul	0.00
58) Fluorene-d10	15.24	176	711678	20.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.37	200	144140	20.22	ng/ul	0.00
71) Anthracene-d10	17.09	188	1078214	21.57	ng/ul	0.00
79) Pyrene-d10	19.39	212	1148346	21.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.23	264	1234144	20.44	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	39455	7.961	ng/uL	93
4) Benzaldehyde	6.75	77	143159	14.385	ng/ul	96
6) Phenol	6.80	94	371008	20.393	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.03	93	288445	20.355	ng/ul	95
10) 2-Chlorophenol	7.17	128	291322	20.677	ng/ul	97
11) 2-Methylphenol	8.04	108	272148	20.136	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.13	45	387097	20.551	ng/ul	100
14) Acetophenone	8.42	105	447783	20.746	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.40	70	230397	20.360	ng/ul	97
16) 4-Methylphenol	8.37	108	298796	20.422	ng/ul	93
17) Hexachloroethane	8.66	117	130267	21.124	ng/ul	98
20) Nitrobenzene	8.79	77	358584	20.467	ng/ul	98
21) Isophorone	9.32	82	640972	20.479	ng/ul	95
23) 2-Nitrophenol	9.49	139	163990	20.183	ng/ul	92
24) 2,4-Dimethylphenol	9.56	107	339762	20.717	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.80	93	395681	20.721	ng/ul	99
27) 2,4-Dichlorophenol	10.02	162	284328	21.045	ng/ul	95
28) Naphthalene	10.42	128	959172	20.810	ng/ul	99
30) 4-Chloroaniline	10.54	127	319003	19.223	ng/ul	98
31) Hexachlorobutadiene	10.70	225	173852	20.156	ng/ul	90
32) Caprolactam	11.32	113	88759m	20.292	ng/ul	
33) 4-Chloro-3-methylphenol	11.67	107	312278	20.407	ng/ul	92
34) 2-Methylnaphthalene	12.04	142	658978	20.774	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.26	142	647257	20.634 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.42	216	328688	21.170 ng/ul	99
38) Hexachlorocyclopentadiene	12.39	237	196604	18.519 ng/ul	99
39) 2,4,6-Trichlorophenol	12.66	196	215113	20.163 ng/ul	100
40) 2,4,5-Trichlorophenol	12.73	196	237373	21.315 ng/ul	92
41) 1,1'-Biphenyl	13.07	154	878306	20.973 ng/ul	97
42) 2-Chloronaphthalene	13.11	162	669666	20.405 ng/ul	99
43) 2-Nitroaniline	13.32	65	210628	20.893 ng/ul	96
45) Dimethylphthalate	13.70	163	890864	21.192 ng/ul	99
46) 2,6-Dinitrotoluene	13.83	165	181703	21.016 ng/ul	99
48) Acenaphthylene	13.96	152	1050404	20.830 ng/ul	99
49) 3-Nitroaniline	14.15	138	141722	18.151 ng/ul	93
50) Acenaphthene	14.31	153	734974	20.691 ng/ul	99
51) 2,4-Dinitrophenol	14.36	184	98241	18.096 ng/ul#	84
53) 4-Nitrophenol	14.47	109	137222	20.800 ng/ul	97
54) Dibenzofuran	14.65	168	988558	20.445 ng/ul	98
55) 2,4-Dinitrotoluene	14.62	165	260253	21.016 ng/ul#	90
56) 2,3,4,6-Tetrachlorophenol	14.87	232	199557	20.807 ng/ul	98
57) Diethylphthalate	15.08	149	889314	20.873 ng/ul	98
59) Fluorene	15.29	166	843502	20.742 ng/ul	96
60) 4-Chlorophenyl-phenylether	15.29	204	405754	20.447 ng/ul	94
61) 4-Nitroaniline	15.32	138	148905	17.723 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.38	198	157478	20.338 ng/ul	95
65) N-Nitrosodiphenylamine	15.51	169	703460	21.374 ng/ul	95
66) 4-Bromophenyl-phenylether	16.19	248	242636	21.372 ng/ul	100
67) Hexachlorobenzene	16.30	284	298716	21.812 ng/ul	99
68) Atrazine	16.47	200	251821	20.606 ng/ul	100
69) Pentachlorophenol	16.65	266	169925	20.429 ng/ul	88
70) Phenanthrene	17.03	178	1344207	21.486 ng/ul	99
72) Anthracene	17.12	178	1358623	21.584 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.03	216	305887	20.896 ng/uL	96
74) Pentachlorobenzene	14.56	250	325948	21.678 ng/uL	98
75) Carbazole	17.40	167	1189641	21.321 ng/ul	99
76) Di-n-butylphthalate	17.97	149	1547845	21.499 ng/ul	100
77) Fluoranthene	19.06	202	1524572	21.247 ng/ul	99
80) Pyrene	19.42	202	1554992	20.550 ng/ul	98
81) Butylbenzylphthalate	20.33	149	689618	20.335 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.11	252	477669	18.756 ng/ul	94
83) Benzo(a)anthracene	21.17	228	1441502	20.986 ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.12	149	1025363	19.691 ng/ul	96
85) Chrysene	21.23	228	1433302	21.289 ng/ul	96
87) Di-n-octyl phthalate	21.97	149	1750423	20.141 ng/ul	100
88) Benzo(b)fluoranthene	22.72	252	1524520	20.754 ng/ul	99
89) Benzo(k)fluoranthene	22.76	252	1393563	19.539 ng/ul	99
91) Benzo(a)pyrene	23.27	252	1373573	20.402 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.53	276	1693651	19.749 ng/ul	98
93) Dibenzo(a,h)anthracene	25.55	278	1427282	19.685 ng/ul	93
94) Benzo(g,h,i)perylene	26.20	276	1445223	20.259 ng/ul	98

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

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