Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071620\
Data File : BN011186.D
Acq On : 16 Jul 2020 08:37
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 16 09:31:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 09:28:14 2020
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : SSTD02060

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	195253	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	810181	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	523664	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	1222154	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1374735	20.00	ng/ul	0.00
86) Perylene-d12	23.23	264	1349928	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	39483	7.73	ng/uL	0.00
5) Phenol-d5	6.69	99	296391	19.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	161443	19.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	255983	18.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	250873	19.59	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	124598	18.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	134248	19.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	263859	19.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.38	131	329496	23.07	ng/ul	0.00
44) Dimethylphthalate-d6	13.54	166	799635	18.83	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	959384	19.04	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	143811	18.95	ng/ul	0.00
58) Fluorene-d10	15.12	176	715993	19.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	137118	18.39	ng/ul	0.00
71) Anthracene-d10	16.97	188	1093011	18.37	ng/ul	0.00
79) Pyrene-d10	19.28	212	1283296	18.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	1401751	19.16	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	40256	7.468	ng/uL	97
4) Benzaldehyde	6.65	77	195617	24.789	ng/ul	95
6) Phenol	6.71	94	325411	19.125	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.93	93	249606	19.864	ng/ul	97
10) 2-Chlorophenol	7.06	128	271557	18.449	ng/ul	94
11) 2-Methylphenol	7.93	108	247228	19.487	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.02	45	156901	18.670	ng/ul	97
14) Acetophenone	8.30	105	424830	19.418	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.29	70	204699	18.339	ng/ul	98
16) 4-Methylphenol	8.26	108	273312	19.523	ng/ul	100
17) Hexachloroethane	8.54	117	117701	18.375	ng/ul	96
20) Nitrobenzene	8.66	77	321050	18.792	ng/ul	98
21) Isophorone	9.19	82	551628	18.893	ng/ul	98
23) 2-Nitrophenol	9.37	139	155471	19.757	ng/ul	92
24) 2,4-Dimethylphenol	9.44	107	313978	19.134	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.68	93	331473	18.758	ng/ul	98
27) 2,4-Dichlorophenol	9.89	162	270085	19.109	ng/ul	98
28) Naphthalene	10.29	128	901295	18.977	ng/ul	98
30) 4-Chloroaniline	10.40	127	352387	23.622	ng/ul	100
31) Hexachlorobutadiene	10.58	225	183397	18.740	ng/ul	97
32) Caprolactam	11.18	113	74485m	19.621	ng/ul	
33) 4-Chloro-3-methylphenol	11.54	107	287424	18.959	ng/ul	96
34) 2-Methylnaphthalene	11.90	142	643913	18.697	ng/ul	93

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.13	142	593212	18.539 ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.29	216	340602	18.994 ng/ul	96
38) Hexachlorocyclopentadiene	12.27	237	212758	19.256 ng/ul	99
39) 2,4,6-Trichlorophenol	12.53	196	219518	19.234 ng/ul	96
40) 2,4,5-Trichlorophenol	12.60	196	234285	18.323 ng/ul	91
41) 1,1'-Biphenyl	12.94	154	836355	18.809 ng/ul	99
42) 2-Chloronaphthalene	12.97	162	665625	18.867 ng/ul	98
43) 2-Nitroaniline	13.19	65	166740	18.666 ng/ul	87
45) Dimethylphthalate	13.59	163	840279	18.730 ng/ul	99
46) 2,6-Dinitrotoluene	13.70	165	169785	19.099 ng/ul	95
48) Acenaphthylene	13.83	152	1012957	19.033 ng/ul	98
49) 3-Nitroaniline	14.03	138	171527	20.908 ng/ul	99
50) Acenaphthene	14.18	153	713444	19.087 ng/ul	94
51) 2,4-Dinitrophenol	14.25	184	93332	18.203 ng/ul	95
53) 4-Nitrophenol	14.36	109	138857	19.060 ng/ul	97
54) Dibenzofuran	14.52	168	1002051	18.707 ng/ul	100
55) 2,4-Dinitrotoluene	14.50	165	254335	19.605 ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.76	232	209061	19.568 ng/ul	95
57) Diethylphthalate	14.97	149	846643	19.158 ng/ul	99
59) Fluorene	15.17	166	840875	18.641 ng/ul	94
60) 4-Chlorophenyl-phenylether	15.18	204	410686	18.203 ng/ul	97
61) 4-Nitroaniline	15.20	138	185953	19.197 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.27	198	148141	19.072 ng/ul	97
65) N-Nitrosodiphenylamine	15.40	169	715788	18.652 ng/ul	100
66) 4-Bromophenyl-phenylether	16.07	248	245149	18.241 ng/ul	93
67) Hexachlorobenzene	16.19	284	282538	18.946 ng/ul	98
68) Atrazine	16.36	200	262163	20.128 ng/ul	98
69) Pentachlorophenol	16.53	266	167926	19.044 ng/ul	94
70) Phenanthrene	16.92	178	1370973	18.527 ng/ul	98
72) Anthracene	17.00	178	1407735	18.734 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	332017	18.467 ng/uL	97
74) Pentachlorobenzene	14.45	250	326613	18.924 ng/uL	95
75) Carbazole	17.28	167	1259962	19.677 ng/ul	99
76) Di-n-butylphthalate	17.87	149	1433725	18.773 ng/ul	98
77) Fluoranthene	18.95	202	1618758	19.413 ng/ul	100
80) Pyrene	19.31	202	1728736	18.650 ng/ul	98
81) Butylbenzylphthalate	20.25	149	678825	19.193 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.02	252	566441	19.636 ng/ul	99
83) Benzo(a)anthracene	21.07	228	1799617	18.554 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.04	149	1097165	19.514 ng/ul	99
85) Chrysene	21.13	228	1756772	18.831 ng/ul	99
87) Di-n-octyl phthalate	21.90	149	1867444	21.267 ng/ul	100
88) Benzo(b)fluoranthene	22.60	252	1862142	20.120 ng/ul	99
89) Benzo(k)fluoranthene	22.64	252	1745092	18.735 ng/ul	97
91) Benzo(a)pyrene	23.13	252	1574144	19.285 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.31	276	1841291	19.067 ng/ul	95
93) Dibenzo(a,h)anthracene	25.33	278	1519581	18.742 ng/ul	100
94) Benzo(g,h,i)perylene	25.94	276	1471872	18.867 ng/ul	98

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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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