Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122619\
Data File : BN009171.D
Acq On : 26 Dec 2019 10:25
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02061

Quant Time: Dec 26 11:56:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 25 01:06:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	198500	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	946126	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.15	164	659878	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.90	188	1505037	20.00	ng/ul	0.00
77) Chrysene-d12	21.11	240	1536226	20.00	ng/ul	0.00
85) Perylene-d12	23.25	264	1718760	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	33444	7.70	ng/uL	0.00
5) Phenol-d5	6.71	99	384982	20.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	248100	20.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	281074	20.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	308447	20.25	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	146214	20.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	162493	20.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	317741	21.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	404317	22.34	ng/ul	0.00
43) Dimethylphthalate-d6	13.57	166	1005489	20.29	ng/ul	0.00
46) Acenaphthylene-d8	13.84	160	1162077	20.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.37	143	199668	20.26	ng/ul	0.00
57) Fluorene-d10	15.15	176	880967	20.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.29	200	171975	18.32	ng/ul	0.00
70) Anthracene-d10	17.00	188	1416964	20.24	ng/ul	0.00
78) Pyrene-d10	19.30	212	1628632	20.32	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.12	264	1763253	20.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	37094	7.868	ng/uL	96
4) Benzaldehyde	6.68	77	152490	12.889	ng/ul	99
6) Phenol	6.74	94	417391	21.387	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.96	93	316906	21.118	ng/ul	97
10) 2-Chlorophenol	7.09	128	303910	22.044	ng/ul	97
11) 2-Methylphenol	7.96	108	313691	21.393	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.05	45	714063	22.439	ng/ul	100
14) Acetophenone	8.33	105	516606	22.130	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.33	70	281969	21.786	ng/ul	97
16) 4-Methylphenol	8.29	108	351545	21.814	ng/ul	92
17) Hexachloroethane	8.58	117	122987	21.094	ng/ul	98
20) Nitrobenzene	8.70	77	405059	20.929	ng/ul	98
21) Isophorone	9.23	82	780877	20.960	ng/ul	99
23) 2-Nitrophenol	9.40	139	184302	21.646	ng/ul	96
24) 2,4-Dimethylphenol	9.48	107	395110	21.637	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.71	93	469837	20.613	ng/ul	98
27) 2,4-Dichlorophenol	9.93	162	324399	21.996	ng/ul	99
28) Naphthalene	10.33	128	1053664	20.867	ng/ul	99
30) 4-Chloroaniline	10.44	127	439026	24.160	ng/ul	98
31) Hexachlorobutadiene	10.62	225	190171	20.490	ng/ul	96
32) Caprolactam	11.21	113	110777	19.178	ng/ul	86
33) 4-Chloro-3-methylphenol	11.58	107	401965	22.077	ng/ul	98
34) 2-Methylnaphthalene	11.95	142	807432	22.180	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.32	216	395549	21.244 ng/ul	98
37) Hexachlorocyclopentadiene	12.30	237	172992	15.120 ng/ul	93
38) 2,4,6-Trichlorophenol	12.57	196	264942	21.280 ng/ul	93
39) 2,4,5-Trichlorophenol	12.65	196	287268	21.578 ng/ul	97
40) 1,1'-Biphenyl	12.98	154	1051511	21.510 ng/ul	99
41) 2-Chloronaphthalene	13.02	162	807162	21.153 ng/ul	96
42) 2-Nitroaniline	13.23	65	309471	21.919 ng/ul	97
44) Dimethylphthalate	13.62	163	1036782	20.455 ng/ul	100
45) 2,6-Dinitrotoluene	13.73	165	208283	20.436 ng/ul	98
47) Acenaphthylene	13.87	152	1288038	20.651 ng/ul	99
48) 3-Nitroaniline	14.06	138	210577	21.103 ng/ul	90
49) Acenaphthene	14.22	153	886726	21.190 ng/ul	99
50) 2,4-Dinitrophenol	14.27	184	112543	17.678 ng/ul	97
52) 4-Nitrophenol	14.39	109	169389	21.546 ng/ul	97
53) Dibenzofuran	14.56	168	1277314	21.742 ng/ul	100
54) 2,4-Dinitrotoluene	14.53	165	318920	21.391 ng/ul#	99
55) 2,3,4,6-Tetrachlorophenol	14.79	232	259270	21.364 ng/ul	97
56) Diethylphthalate	15.00	149	1075962	19.653 ng/ul	99
58) Fluorene	15.20	166	1042216	21.230 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.21	204	517535	21.033 ng/ul	95
60) 4-Nitroaniline	15.23	138	245064	20.671 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.30	198	188857	19.086 ng/ul	94
64) N-Nitrosodiphenylamine	15.43	169	928317	21.438 ng/ul	98
65) 4-Bromophenyl-phenylether	16.10	248	322477	21.263 ng/ul	98
66) Hexachlorobenzene	16.22	284	339575	20.091 ng/ul	98
67) Atrazine	16.39	200	331429	20.106 ng/ul	99
68) Pentachlorophenol	16.56	266	215351	20.341 ng/ul	91
69) Phenanthrene	16.95	178	1708382	20.588 ng/ul	100
71) Anthracene	17.03	178	1776395	20.807 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	12.94	216	405432	20.599 ng/uL	97
73) Pentachlorobenzene	14.47	250	406750	20.908 ng/uL	97
74) Carbazole	17.30	167	1624322	22.017 ng/ul	99
75) Di-n-butylphthalate	17.89	149	1935507	19.929 ng/ul	100
76) Fluoranthene	18.97	202	2074596	21.647 ng/ul	99
79) Pyrene	19.33	202	2183296	20.492 ng/ul	100
80) Butylbenzylphthalate	20.26	149	965287	20.599 ng/ul	97
81) 3,3'-Dichlorobenzidine	21.03	252	722873	20.443 ng/ul	100
82) Benzo(a)anthracene	21.09	228	2274709	21.914 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.06	149	1474095	20.523 ng/ul	100
84) Chrysene	21.15	228	2099878	21.050 ng/ul	98
86) Di-n-octyl phthalate	21.92	149	2534269	21.944 ng/ul	100
87) Benzo(b)fluoranthene	22.62	252	2317443	22.061 ng/ul	99
88) Benzo(k)fluoranthene	22.66	252	2156826	21.024 ng/ul	99
90) Benzo(a)pyrene	23.16	252	2121273	21.992 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.34	276	2221455	19.010 ng/ul	98
92) Dibenzo(a,h)anthracene	25.36	278	1902416	19.289 ng/ul	99
93) Benzo(g,h,i)perylene	25.98	276	1779102	18.194 ng/ul	99

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

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