Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
Data File : BN002923.D
Acq On : 04 Oct 2018 09:39
Operator : MJ/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02080

Quant Time: Oct 05 01:56:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 04 04:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	112542	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	496951	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	293298	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	677349	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	726128	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	629234	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	18477	7.57	ng/uL	0.00
5) Phenol-d5	6.81	99	195177	20.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	117946	19.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	160589	20.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	154460	20.87	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	76917	19.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	88848	20.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	162069	20.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	202259	22.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	481658	20.98	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	623729	20.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	73271	19.30	ng/ul	0.00
57) Fluorene-d10	15.26	176	426454	21.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	84841	20.02	ng/ul	0.00
70) Anthracene-d10	17.11	188	667203	20.63	ng/ul	0.00
78) Pyrene-d10	19.42	212	740434	19.32	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	684763	20.67	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	21648	7.938	ng/uL	92
4) Benzaldehyde	6.78	77	121507	23.255	ng/ul	95
6) Phenol	6.84	94	196359	20.375	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.06	93	151327	20.416	ng/ul	98
10) 2-Chlorophenol	7.19	128	160354	20.541	ng/ul	98
11) 2-Methylphenol	8.07	108	149707	20.687	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.15	45	224868	19.369	ng/ul	99
14) Acetophenone	8.44	105	240398	21.081	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.42	70	118240	20.632	ng/ul	98
16) 4-Methylphenol	8.40	108	160616	20.925	ng/ul	93
17) Hexachloroethane	8.68	117	62905	20.044	ng/ul	98
20) Nitrobenzene	8.82	77	171369	19.153	ng/ul	97
21) Isophorone	9.33	82	335734	20.338	ng/ul	99
23) 2-Nitrophenol	9.52	139	92219	20.445	ng/ul	96
24) 2,4-Dimethylphenol	9.59	107	177771	19.987	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.82	93	209382	20.158	ng/ul	99
27) 2,4-Dichlorophenol	10.05	162	154294	20.216	ng/ul	91
28) Naphthalene	10.44	128	516197	20.154	ng/ul	99
30) 4-Chloroaniline	10.56	127	203120	22.299	ng/ul	95
31) Hexachlorobutadiene	10.72	225	96099	19.712	ng/ul	97
32) Caprolactam	11.32	113	53507	22.825	ng/ul	98
33) 4-Chloro-3-methylphenol	11.70	107	168767	21.686	ng/ul	99
34) 2-Methylnaphthalene	12.06	142	376437	21.027	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	190324	19.534 ng/ul	96
37) Hexachlorocyclopentadiene	12.41	237	71845	16.478 ng/ul	96
38) 2,4,6-Trichlorophenol	12.69	196	125084	20.123 ng/ul	98
39) 2,4,5-Trichlorophenol	12.77	196	130343	20.022 ng/ul	98
40) 1,1'-Biphenyl	13.09	154	480149	19.876 ng/ul	97
41) 2-Chloronaphthalene	13.13	162	373289	19.695 ng/ul	98
42) 2-Nitroaniline	13.35	65	108619	20.639 ng/ul	97
44) Dimethylphthalate	13.72	163	473332	21.124 ng/ul	100
45) 2,6-Dinitrotoluene	13.85	165	101110	22.398 ng/ul	98
47) Acenaphthylene	13.98	152	581331	20.641 ng/ul	99
48) 3-Nitroaniline	14.18	138	100115	22.745 ng/ul	99
49) Acenaphthene	14.32	153	404190	20.260 ng/ul	98
50) 2,4-Dinitrophenol	14.41	184	41108	17.224 ng/ul	92
52) 4-Nitrophenol	14.51	109	48625	18.409 ng/ul	94
53) Dibenzofuran	14.66	168	574075	20.927 ng/ul	97
54) 2,4-Dinitrotoluene	14.65	165	148093	23.189 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.90	232	111868	21.708 ng/ul	95
56) Diethylphthalate	15.10	149	479476	21.841 ng/ul	99
58) Fluorene	15.32	166	472930	21.523 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.31	204	236092	21.488 ng/ul	96
60) 4-Nitroaniline	15.35	138	108680	23.288 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.42	198	84185	19.676 ng/ul	95
64) N-Nitrosodiphenylamine	15.53	169	410896	19.549 ng/ul	98
65) 4-Bromophenyl-phenylether	16.21	248	147729	19.893 ng/ul	95
66) Hexachlorobenzene	16.33	284	166197	20.487 ng/ul	99
67) Atrazine	16.49	200	151998	21.143 ng/ul	98
68) Pentachlorophenol	16.67	266	73246	19.385 ng/ul	97
69) Phenanthrene	17.06	178	763109	20.448 ng/ul	100
71) Anthracene	17.15	178	786568	20.787 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.05	216	204132	17.641 ng/uL	99
73) Pentachlorobenzene	14.59	250	195236	18.896 ng/uL	99
74) Carbazole	17.42	167	706048	21.743 ng/ul	99
75) Di-n-butylphthalate	17.99	149	855860	21.967 ng/ul	99
76) Fluoranthene	19.08	202	923672	23.201 ng/ul	99
79) Pyrene	19.45	202	934601	19.467 ng/ul	99
80) Butylbenzylphthalate	20.36	149	417654	20.906 ng/ul	97
81) 3,3'-Dichlorobenzidine	21.14	252	323819	22.082 ng/ul	98
82) Benzo(a)anthracene	21.20	228	917759	20.317 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.14	149	622488	21.463 ng/ul	99
84) Chrysene	21.26	228	848796	20.047 ng/ul	99
86) Di-n-octyl phthalate	22.01	149	1067802	25.674 ng/ul	100
87) Benzo(b)fluoranthene	22.77	252	835674	21.746 ng/ul	99
88) Benzo(k)fluoranthene	22.81	252	752082	20.978 ng/ul	100
90) Benzo(a)pyrene	23.33	252	731384	20.132 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.63	276	740278	17.212 ng/ul	99
92) Dibenzo(a,h)anthracene	25.63	278	630006	17.384 ng/ul	98
93) Benzo(g,h,i)perylene	26.30	276	605256	16.834 ng/ul	99

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

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