Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111418\
Data File : BN003536.D
Acq On : 14 Nov 2018 20:42
Operator : MJ/SJ
Sample : SSTD02047
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02047

Quant Time: Nov 15 00:31:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 15 00:28:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	102177	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	456641	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	236539	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	555468	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	668330	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	718161	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	16290	8.31	ng/uL	0.00
5) Phenol-d5	6.99	99	168995	19.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	97628	20.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	145680	19.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	139496	19.32	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	70246	19.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	79011	20.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	149639	19.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	132564	20.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	401792	20.54	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	495602	20.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	78090	22.35	ng/ul	0.00
57) Fluorene-d10	15.47	176	347572	20.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	73325	21.32	ng/ul	0.00
70) Anthracene-d10	17.32	188	542960	20.09	ng/ul	0.00
78) Pyrene-d10	19.61	212	637118	17.01	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.56	264	777360	20.26	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	17832	8.334	ng/uL	100
4) Benzaldehyde	6.99	77	30042	19.651	ng/ul	100
6) Phenol	7.02	94	173354	19.690	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.27	93	132658	20.085	ng/ul	100
10) 2-Chlorophenol	7.40	128	144258	19.532	ng/ul	100
11) 2-Methylphenol	8.27	108	132073	19.436	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.36	45	176113	20.721	ng/ul	100
14) Acetophenone	8.67	105	214600	20.083	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.65	70	101054	20.278	ng/ul	100
16) 4-Methylphenol	8.60	108	144825	19.561	ng/ul	100
17) Hexachloroethane	8.92	117	54034	20.272	ng/ul	100
20) Nitrobenzene	9.05	77	147460	19.955	ng/ul	100
21) Isophorone	9.56	82	291610	21.087	ng/ul	100
23) 2-Nitrophenol	9.76	139	84672	20.230	ng/ul	100
24) 2,4-Dimethylphenol	9.80	107	159556	19.951	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.05	93	185898	20.159	ng/ul	100
27) 2,4-Dichlorophenol	10.28	162	144812	19.546	ng/ul	100
28) Naphthalene	10.69	128	470425	19.702	ng/ul	100
30) 4-Chloroaniline	10.80	127	135695	20.367	ng/ul	100
31) Hexachlorobutadiene	10.96	225	90167	19.740	ng/ul	100
32) Caprolactam	11.57	113	39671	18.202	ng/ul	100
33) 4-Chloro-3-methylphenol	11.92	107	129164	17.867	ng/ul	100
34) 2-Methylnaphthalene	12.30	142	299860	17.346	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	158316	19.292	ng/ul	100
37) Hexachlorocyclopentadiene	12.63	237	101502	21.759	ng/ul	100
38) 2,4,6-Trichlorophenol	12.90	196	101433	19.791	ng/ul	100
39) 2,4,5-Trichlorophenol	12.97	196	112796	20.043	ng/ul	100
40) 1,1'-Biphenyl	13.31	154	384132	19.496	ng/ul	100
41) 2-Chloronaphthalene	13.36	162	301809	19.462	ng/ul	100
42) 2-Nitroaniline	13.57	65	75118	20.986	ng/ul	100
44) Dimethylphthalate	13.93	163	388532	20.410	ng/ul	100
45) 2,6-Dinitrotoluene	14.06	165	81058	20.990	ng/ul	100
47) Acenaphthylene	14.20	152	462595	20.008	ng/ul	100
48) 3-Nitroaniline	14.39	138	75810	20.481	ng/ul	100
49) Acenaphthene	14.55	153	327388	19.922	ng/ul	100
50) 2,4-Dinitrophenol	14.60	184	45222	22.551	ng/ul	100
52) 4-Nitrophenol	14.69	109	48889	22.281	ng/ul	100
53) Dibenzofuran	14.88	168	466768	20.015	ng/ul	100
54) 2,4-Dinitrotoluene	14.85	165	121188	21.784	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.10	232	103231	21.442	ng/ul	100
56) Diethylphthalate	15.29	149	386965	20.900	ng/ul	100
58) Fluorene	15.53	166	381736	20.416	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.52	204	196932	20.011	ng/ul	100
60) 4-Nitroaniline	15.56	138	89672	22.287	ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.60	198	76739	21.701	ng/ul	100
64) N-Nitrosodiphenylamine	15.73	169	333625	19.437	ng/ul	100
65) 4-Bromophenyl-phenylether	16.41	248	134343	19.723	ng/ul	100
66) Hexachlorobenzene	16.52	284	158541	19.807	ng/ul	100
67) Atrazine	16.68	200	120819	20.270	ng/ul	100
68) Pentachlorophenol	16.86	266	89352	20.339	ng/ul	100
69) Phenanthrene	17.26	178	617328	19.937	ng/ul	100
71) Anthracene	17.36	178	630254	20.148	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.27	216	156364	18.169	ng/uL	100
73) Pentachlorobenzene	14.79	250	168232	18.520	ng/uL	100
74) Carbazole	17.63	167	564095	21.477	ng/ul	100
75) Di-n-butylphthalate	18.17	149	667304	21.280	ng/ul	100
76) Fluoranthene	19.27	202	747755	22.572	ng/ul	100
79) Pyrene	19.64	202	785420	16.944	ng/ul	100
80) Butylbenzylphthalate	20.53	149	312941	18.101	ng/ul	100
81) 3,3'-Dichlorobenzidine	21.32	252	283887	21.157	ng/ul	100
82) Benzo(a)anthracene	21.39	228	810225	19.956	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.29	149	460219	18.588	ng/ul	100
84) Chrysene	21.44	228	761250	19.930	ng/ul	100
86) Di-n-octyl phthalate	22.19	149	840558	17.726	ng/ul	100
87) Benzo(b)fluoranthene	23.01	252	856624	19.874	ng/ul	100
88) Benzo(k)fluoranthene	23.06	252	829312	19.550	ng/ul	100
90) Benzo(a)pyrene	23.61	252	821229	19.930	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	26.07	276	1008782	20.537	ng/ul	100
92) Dibenzo(a,h)anthracene	26.07	278	839272	20.409	ng/ul	100
93) Benzo(g,h,i)perylene	26.80	276	833507	20.556	ng/ul	100

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

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