Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091818\
Data File : BN002747.D
Acq On : 18 Sep 2018 12:00
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02056

Quant Time: Sep 19 01:09:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 18 02:47:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	142184	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	576265	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	303693	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	635251	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	608701	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	629745	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	24469	7.94	ng/uL	0.00
5) Phenol-d5	6.83	99	229272	18.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	145943	19.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	190601	19.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	174123	18.62	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	87602	19.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	98507	19.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	173880	19.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	208455	19.76	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	469771	19.76	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	616248	19.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	65718	16.72	ng/ul	0.00
57) Fluorene-d10	15.28	176	410233	19.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	70769	17.81	ng/ul	0.00
70) Anthracene-d10	17.13	188	597227	19.69	ng/ul	0.00
78) Pyrene-d10	19.43	212	605009	18.83	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	652003	19.67	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	26742	7.761	ng/uL	99
4) Benzaldehyde	6.80	77	146323	22.166	ng/ul	97
6) Phenol	6.86	94	233090	19.145	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.08	93	181995	19.434	ng/ul	99
10) 2-Chlorophenol	7.22	128	189299	19.194	ng/ul	97
11) 2-Methylphenol	8.09	108	168921	18.476	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.18	45	282508	19.261	ng/ul	99
14) Acetophenone	8.46	105	273034	18.951	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.45	70	134355	18.556	ng/ul	99
16) 4-Methylphenol	8.42	108	181225	18.688	ng/ul	100
17) Hexachloroethane	8.70	117	76936	19.404	ng/ul	94
20) Nitrobenzene	8.84	77	204147	19.676	ng/ul	99
21) Isophorone	9.35	82	364968	19.066	ng/ul	100
23) 2-Nitrophenol	9.55	139	103061	19.704	ng/ul	99
24) 2,4-Dimethylphenol	9.61	107	196472	19.050	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.84	93	231722	19.238	ng/ul	100
27) 2,4-Dichlorophenol	10.08	162	171469	19.374	ng/ul	97
28) Naphthalene	10.46	128	578340	19.472	ng/ul	99
30) 4-Chloroaniline	10.59	127	212812	20.148	ng/ul	97
31) Hexachlorobutadiene	10.75	225	110032	19.464	ng/ul	95
32) Caprolactam	11.34	113	48509	17.845	ng/ul	99
33) 4-Chloro-3-methylphenol	11.72	107	170023	18.840	ng/ul	98
34) 2-Methylnaphthalene	12.09	142	401091	19.320	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	199703	19.795 ng/ul	99
37) Hexachlorocyclopentadiene	12.43	237	76879	17.029 ng/ul	98
38) 2,4,6-Trichlorophenol	12.71	196	123803	19.235 ng/ul	98
39) 2,4,5-Trichlorophenol	12.79	196	125648	18.640 ng/ul	100
40) 1,1'-Biphenyl	13.11	154	499520	19.970 ng/ul	100
41) 2-Chloronaphthalene	13.15	162	387031	19.721 ng/ul	98
42) 2-Nitroaniline	13.37	65	106035	19.458 ng/ul	96
44) Dimethylphthalate	13.75	163	458486	19.761 ng/ul	99
45) 2,6-Dinitrotoluene	13.87	165	93904	20.090 ng/ul	99
47) Acenaphthylene	14.00	152	581673	19.946 ng/ul	99
48) 3-Nitroaniline	14.20	138	89599	19.659 ng/ul	98
49) Acenaphthene	14.35	153	405797	19.645 ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	36544	14.788 ng/ul	91
52) 4-Nitrophenol	14.53	109	44504	16.272 ng/ul	93
53) Dibenzofuran	14.69	168	560532	19.734 ng/ul	97
54) 2,4-Dinitrotoluene	14.67	165	132554	20.045 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.92	232	103415	19.381 ng/ul	94
56) Diethylphthalate	15.12	149	448633	19.737 ng/ul	99
58) Fluorene	15.34	166	451009	19.823 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.33	204	224828	19.762 ng/ul	97
60) 4-Nitroaniline	15.37	138	92833	19.211 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.44	198	74062	18.457 ng/ul#	91
64) N-Nitrosodiphenylamine	15.55	169	383767	19.468 ng/ul	99
65) 4-Bromophenyl-phenylether	16.23	248	135225	19.416 ng/ul	97
66) Hexachlorobenzene	16.35	284	148027	19.457 ng/ul	99
67) Atrazine	16.50	200	132019	19.581 ng/ul	97
68) Pentachlorophenol	16.70	266	57135	16.124 ng/ul	99
69) Phenanthrene	17.07	178	682380	19.496 ng/ul	98
71) Anthracene	17.17	178	698337	19.678 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.07	216	210771	19.421 ng/uL	98
73) Pentachlorobenzene	14.61	250	185997	19.195 ng/uL	99
74) Carbazole	17.45	167	606956	19.930 ng/ul	98
75) Di-n-butylphthalate	18.01	149	718321	19.659 ng/ul	99
76) Fluoranthene	19.10	202	746853	20.003 ng/ul	98
79) Pyrene	19.47	202	765592	19.023 ng/ul	99
80) Butylbenzylphthalate	20.37	149	305371	18.234 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.16	252	239896	19.515 ng/ul	97
82) Benzo(a)anthracene	21.22	228	739650	19.533 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.16	149	462984	19.043 ng/ul	100
84) Chrysene	21.27	228	681306	19.196 ng/ul	99
86) Di-n-octyl phthalate	22.03	149	773452	18.581 ng/ul	100
87) Benzo(b)fluoranthene	22.80	252	716763	18.637 ng/ul	98
88) Benzo(k)fluoranthene	22.84	252	713990	19.899 ng/ul	99
90) Benzo(a)pyrene	23.36	252	708208	19.478 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.67	276	848848	19.720 ng/ul	98
92) Dibenzo(a,h)anthracene	25.67	278	704470	19.423 ng/ul	99
93) Benzo(g,h,i)perylene	26.34	276	703446	19.549 ng/ul	99

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

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