Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121218\
Data File : BN003846.D
Acq On : 12 Dec 2018 11:12
Operator : JU/SJ
Sample : SSTD01002
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD01002

Quant Time: Dec 12 12:48:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 12 12:41:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	21514	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	107478	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	70782	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	177079	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	237110	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	280326	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	1206	2.65	ng/uL	0.00
5) Phenol-d5	6.99	99	19023	10.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	11246	11.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	15776	10.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	16185	10.84	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	8133	9.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	9244	9.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	16743	9.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	16339	10.71	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	63284	10.79	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	74470	10.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	11855	10.08	ng/ul	0.00
57) Fluorene-d10	15.46	176	55338	11.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	11001	8.84	ng/ul	0.00
70) Anthracene-d10	17.31	188	90654	10.42	ng/ul	0.00
78) Pyrene-d10	19.60	212	106281	9.03	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.56	264	151391	9.98	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	1373	2.739	ng/uL#	81
4) Benzaldehyde	6.98	77	3357	10.682	ng/ul	98
6) Phenol	7.01	94	19504	10.902	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.26	93	15005	10.878	ng/ul	100
10) 2-Chlorophenol	7.39	128	15785	10.332	ng/ul	99
11) 2-Methylphenol	8.26	108	15085	10.835	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.36	45	21367	11.723	ng/ul	99
14) Acetophenone	8.66	105	26210	11.746	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.63	70	12806	12.084	ng/ul	97
16) 4-Methylphenol	8.59	108	16588	10.793	ng/ul	98
17) Hexachloroethane	8.90	117	5931	10.249	ng/ul	93
20) Nitrobenzene	9.04	77	18093	10.279	ng/ul	98
21) Isophorone	9.55	82	37758	11.122	ng/ul	98
23) 2-Nitrophenol	9.75	139	9653	9.695	ng/ul	97
24) 2,4-Dimethylphenol	9.79	107	19258	10.205	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.04	93	23184	10.481	ng/ul	97
27) 2,4-Dichlorophenol	10.27	162	16265	9.376	ng/ul	99
28) Naphthalene	10.68	128	57697	10.282	ng/ul	99
30) 4-Chloroaniline	10.79	127	16850	10.945	ng/ul	99
31) Hexachlorobutadiene	10.94	225	10126	9.305	ng/ul	99
32) Caprolactam	11.55	113	6231	11.723	ng/ul	97
33) 4-Chloro-3-methylphenol	11.90	107	19189	11.464	ng/ul	98
34) 2-Methylnaphthalene	12.29	142	43628	11.029	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	21575	9.129 ng/ul	96
37) Hexachlorocyclopentadiene	12.62	237	11855	7.473 ng/ul	99
38) 2,4,6-Trichlorophenol	12.89	196	14154	9.437 ng/ul	99
39) 2,4,5-Trichlorophenol	12.96	196	15672	9.478 ng/ul	98
40) 1,1'-Biphenyl	13.30	154	57501	10.107 ng/ul	98
41) 2-Chloronaphthalene	13.35	162	44899	9.988 ng/ul	99
42) 2-Nitroaniline	13.56	65	11860	11.030 ng/ul	98
44) Dimethylphthalate	13.92	163	62298	10.811 ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	12016	10.410 ng/ul	98
47) Acenaphthylene	14.19	152	71281	10.375 ng/ul	99
48) 3-Nitroaniline	14.38	138	11331	9.964 ng/ul	99
49) Acenaphthene	14.53	153	51113	10.353 ng/ul	99
50) 2,4-Dinitrophenol	14.59	184	5746	7.581 ng/ul	99
52) 4-Nitrophenol	14.67	109	7415	10.131 ng/ul	95
53) Dibenzofuran	14.86	168	73029	10.503 ng/ul	99
54) 2,4-Dinitrotoluene	14.83	165	18988	10.862 ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.09	232	14613	10.061 ng/ul#	98
56) Diethylphthalate	15.28	149	63355	11.616 ng/ul	99
58) Fluorene	15.52	166	61104	11.438 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.50	204	30178	10.797 ng/ul	100
60) 4-Nitroaniline	15.55	138	14670	11.325 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.59	198	11699	9.146 ng/ul#	96
64) N-Nitrosodiphenylamine	15.72	169	53800	9.973 ng/ul	98
65) 4-Bromophenyl-phenylether	16.40	248	19581	9.297 ng/ul	98
66) Hexachlorobenzene	16.51	284	24836	9.947 ng/ul	99
67) Atrazine	16.66	200	18979	9.725 ng/ul	98
68) Pentachlorophenol	16.86	266	11830	7.833 ng/ul	98
69) Phenanthrene	17.25	178	103269	10.455 ng/ul	100
71) Anthracene	17.35	178	106309	10.537 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.26	216	22165	8.300 ng/uL	97
73) Pentachlorobenzene	14.78	250	25561	8.760 ng/uL	98
74) Carbazole	17.62	167	97875	11.027 ng/ul	99
75) Di-n-butylphthalate	18.16	149	111837	10.536 ng/ul	100
76) Fluoranthene	19.27	202	127196	11.243 ng/ul	98
79) Pyrene	19.63	202	133160	9.237 ng/ul	99
80) Butylbenzylphthalate	20.52	149	58598	10.442 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.32	252	50950	10.043 ng/ul	100
82) Benzo(a)anthracene	21.38	228	149276	10.322 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.29	149	90421	11.265 ng/ul	98
84) Chrysene	21.43	228	141208	10.390 ng/ul	98
86) Di-n-octyl phthalate	22.19	149	161063	9.902 ng/ul	100
87) Benzo(b)fluoranthene	23.01	252	165693	9.582 ng/ul	99
88) Benzo(k)fluoranthene	23.06	252	160795	9.715 ng/ul	98
90) Benzo(a)pyrene	23.61	252	162561	10.129 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	26.06	276	208738	10.885 ng/ul	99
92) Dibenzo(a,h)anthracene	26.07	278	173105	10.733 ng/ul	99
93) Benzo(g,h,i)perylene	26.79	276	174160	10.928 ng/ul	99

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

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