Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121218\
Data File : BN003845.D
Acq On : 12 Dec 2018 10:37
Operator : JU/SJ
Sample : SSTD00501
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD00501

Quant Time: Dec 12 12:53:38 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	20849	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	103048	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	68444	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	175381	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	233529	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	274270	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	560	1.27	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.36	132	7317	4.97	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.00	128	3696	4.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	4033	4.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	7678	4.49	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.87	166	30823	5.43	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	35133	4.98	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.46	176	26738	5.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.31	188	43348	5.03	ng/ul	0.00
78) Pyrene-d10	19.60	212	52000	4.49	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.56	264	73001	4.92	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	620	1.276	ng/uL#	44
10) 2-Chlorophenol	7.39	128	7281	4.918	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.63	70	5997	5.839	ng/ul	98
17) Hexachloroethane	8.90	117	2795	4.984	ng/ul	95
20) Nitrobenzene	9.04	77	8427	4.993	ng/ul	99
21) Isophorone	9.55	82	17761	5.457	ng/ul	99
23) 2-Nitrophenol	9.75	139	4364	4.571	ng/ul	96
24) 2,4-Dimethylphenol	9.79	107	8610	4.759	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.03	93	10778	5.082	ng/ul	96
27) 2,4-Dichlorophenol	10.27	162	7545	4.536	ng/ul	98
28) Naphthalene	10.67	128	27992	5.203	ng/ul	99
31) Hexachlorobutadiene	10.95	225	4857	4.655	ng/ul	96
33) 4-Chloro-3-methylphenol	11.90	107	8626	5.375	ng/ul	98
34) 2-Methylnaphthalene	12.29	142	20696	5.457	ng/ul	95
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	10292	4.503	ng/ul	93
38) 2,4,6-Trichlorophenol	12.89	196	6284	4.333	ng/ul	99
39) 2,4,5-Trichlorophenol	12.96	196	7045	4.406	ng/ul	95
40) 1,1'-Biphenyl	13.30	154	27937	5.078	ng/ul	99
41) 2-Chloronaphthalene	13.35	162	21370	4.916	ng/ul	99
42) 2-Nitroaniline	13.56	65	5225	5.025	ng/ul	99
44) Dimethylphthalate	13.92	163	30041	5.391	ng/ul	100
45) 2,6-Dinitrotoluene	14.05	165	5074	4.546	ng/ul	95
47) Acenaphthylene	14.19	152	34312	5.165	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Acenaphthene	14.53	153	24779	5.191	ng/ul	99
53) Dibenzofuran	14.86	168	35659	5.304	ng/ul	99
54) 2,4-Dinitrotoluene	14.84	165	8356	4.943	ng/ul#	97
55) 2,3,4,6-Tetrachlorophenol	15.09	232	6694	4.766	ng/ul#	98
56) Diethylphthalate	15.27	149	30208	5.728	ng/ul	100
58) Fluorene	15.52	166	29521	5.715	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.51	204	14830	5.487	ng/ul	98
64) N-Nitrosodiphenylamine	15.72	169	25939	4.855	ng/ul	99
65) 4-Bromophenyl-phenylether	16.40	248	9541	4.574	ng/ul	99
66) Hexachlorobenzene	16.51	284	12260	4.958	ng/ul	95
69) Phenanthrene	17.25	178	50509	5.163	ng/ul	99
71) Anthracene	17.35	178	51287	5.133	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.26	216	10364	3.919	ng/uL	98
73) Pentachlorobenzene	14.78	250	12276	4.248	ng/uL	98
75) Di-n-butylphthalate	18.16	149	53736	5.111	ng/ul	99
79) Pyrene	19.63	202	65327	4.601	ng/ul	98
80) Butylbenzylphthalate	20.52	149	27246	4.930	ng/ul	98
82) Benzo(a)anthracene	21.38	228	73278	5.145	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.29	149	44482	5.627	ng/ul	100
84) Chrysene	21.43	228	68407	5.111	ng/ul	100
87) Benzo(b)fluoranthene	23.01	252	81580	4.822	ng/ul	100
88) Benzo(k)fluoranthene	23.06	252	77474	4.784	ng/ul	99
90) Benzo(a)pyrene	23.61	252	79047	5.034	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	26.06	276	99705	5.314	ng/ul	99
92) Dibenzo(a,h)anthracene	26.07	278	83438	5.288	ng/ul	99
93) Benzo(g,h,i)perylene	26.79	276	83701	5.368	ng/ul	98

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

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