Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052819\
Data File : BN005912.D
Acq On : 29 May 2019 01:34
Operator : JU/SJ
Sample : SSTD00587
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD00587

Quant Time: May 29 02:10:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 00:03:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	397426	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	1889647	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	1186995	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	2726224	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	2606133	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	3022762	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	18532	2.61	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	7.26	132	127185	5.15	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.88	128	55393	4.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	50093	3.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	125077	4.14	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.77	166	436785	4.78	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	541847	4.88	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.36	176	376064	4.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.22	188	593244	5.04	ng/ul	0.00
78) Pyrene-d10	19.52	212	647962	5.05	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.44	264	652207	4.81	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	17829	2.386	ng/uL#	92
10) 2-Chlorophenol	7.29	128	128330	5.131	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.53	70	111093	5.471	ng/ul#	86
17) Hexachloroethane	8.80	117	52980	4.937	ng/ul	84
20) Nitrobenzene	8.92	77	146253	4.613	ng/ul	97
21) Isophorone	9.44	82	320153	5.064	ng/ul	99
23) 2-Nitrophenol	9.63	139	57821	3.507	ng/ul	97
24) 2,4-Dimethylphenol	9.69	107	156932	4.609	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.93	93	201521	5.638	ng/ul	98
27) 2,4-Dichlorophenol	10.15	162	126612	4.353	ng/ul	98
28) Naphthalene	10.56	128	447642	4.959	ng/ul	98
31) Hexachlorobutadiene	10.85	225	71912	3.390	ng/ul	99
33) 4-Chloro-3-methylphenol	11.79	107	152685	4.641	ng/ul	93
34) 2-Methylnaphthalene	12.17	142	333906	4.790	ng/ul	99
36) 1,2,4,5-Tetrachlorobenzene	12.55	216	153704	4.022	ng/ul	94
38) 2,4,6-Trichlorophenol	12.79	196	97718	4.131	ng/ul	99
39) 2,4,5-Trichlorophenol	12.85	196	108238	4.356	ng/ul	99
40) 1,1'-Biphenyl	13.20	154	440871	5.108	ng/ul	98
41) 2-Chloronaphthalene	13.23	162	332942	4.884	ng/ul	99
42) 2-Nitroaniline	13.44	65	78197	3.979	ng/ul	91
44) Dimethylphthalate	13.82	163	444348	4.935	ng/ul	99
45) 2,6-Dinitrotoluene	13.94	165	63173	3.329	ng/ul	94
47) Acenaphthylene	14.09	152	540735	5.060	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
49) Acenaphthene	14.43	153	372651	5.147 ng/ul	100
53) Dibenzofuran	14.77	168	528768	4.922 ng/ul	98
54) 2,4-Dinitrotoluene	14.73	165	96367	3.389 ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.99	232	88947	3.855 ng/ul	95
56) Diethylphthalate	15.20	149	463041	5.081 ng/ul	99
58) Fluorene	15.42	166	432130	4.946 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.42	204	204242	4.285 ng/ul	95
64) N-Nitrosodiphenylamine	15.63	169	387005	5.485 ng/ul	98
65) 4-Bromophenyl-phenylether	16.31	248	123719	4.334 ng/ul	96
66) Hexachlorobenzene	16.42	284	135997	4.246 ng/ul	98
69) Phenanthrene	17.16	178	695593	5.147 ng/ul	99
71) Anthracene	17.25	178	714222	5.191 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.16	216	162633	4.450 ng/uL	99
73) Pentachlorobenzene	14.69	250	154990	4.300 ng/uL	99
75) Di-n-butylphthalate	18.09	149	814708	5.622 ng/ul	99
79) Pyrene	19.55	202	839999	5.249 ng/ul#	94
80) Butylbenzylphthalate	20.46	149	335781	5.121 ng/ul	96
82) Benzo(a)anthracene	21.30	228	831315	5.063 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.24	149	537899	5.782 ng/ul	99
84) Chrysene	21.36	228	784429	5.068 ng/ul	99
87) Benzo(b)fluoranthene	22.90	252	855279	5.143 ng/ul	98
88) Benzo(k)fluoranthene	22.94	252	781644	4.858 ng/ul#	97
90) Benzo(a)pyrene	23.48	252	801444	4.977 ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.85	276	929890	4.723 ng/ul#	94
92) Dibenzo(a,h)anthracene	25.87	278	779268	4.702 ng/ul	96
93) Benzo(g,h,i)perylene	26.54	276	766784	4.659 ng/ul#	93

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

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