Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052819\
Data File : BN005906.D
Acq On : 28 May 2019 22:05
Operator : JU/SJ
Sample : SSTD00581
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD00581

Quant Time: May 29 00:17:32 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	373479	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	1734035	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	1085245	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	2448717	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	2295843	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	2660238	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	16113	2.42	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	117628	5.07	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.88	128	44222	3.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	34561	2.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	112388	4.05	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.77	166	399975	4.79	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	498030	4.91	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.36	176	349212	4.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.22	188	542519	5.13	ng/ul	0.00
78) Pyrene-d10	19.52	212	582044	5.15	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.44	264	587867	4.93	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	19595	2.790	ng/uL#	79
10) 2-Chlorophenol	7.29	128	118943	5.061	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.53	70	104266	5.464	ng/ul	90
17) Hexachloroethane	8.80	117	47645	4.724	ng/ul	90
20) Nitrobenzene	8.92	77	122538	4.211	ng/ul	100
21) Isophorone	9.44	82	311470	5.369	ng/ul	100
23) 2-Nitrophenol	9.63	139	40551	2.680	ng/ul	99
24) 2,4-Dimethylphenol	9.69	107	146778	4.697	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.93	93	182332	5.558	ng/ul	98
27) 2,4-Dichlorophenol	10.15	162	111879	4.192	ng/ul	97
28) Naphthalene	10.56	128	414799	5.008	ng/ul	99
31) Hexachlorobutadiene	10.85	225	68300	3.508	ng/ul	96
33) 4-Chloro-3-methylphenol	11.79	107	137591	4.558	ng/ul	97
34) 2-Methylnaphthalene	12.17	142	309955	4.845	ng/ul	100
36) 1,2,4,5-Tetrachlorobenzene	12.55	216	139286	3.986	ng/ul#	96
38) 2,4,6-Trichlorophenol	12.79	196	83592	3.865	ng/ul	99
39) 2,4,5-Trichlorophenol	12.86	196	87366	3.845	ng/ul	98
40) 1,1'-Biphenyl	13.20	154	403810	5.117	ng/ul	97
41) 2-Chloronaphthalene	13.23	162	302766	4.857	ng/ul	98
42) 2-Nitroaniline	13.44	65	50727	2.823	ng/ul	91
44) Dimethylphthalate	13.83	163	402331	4.887	ng/ul	100
45) 2,6-Dinitrotoluene	13.95	165	45207	2.606	ng/ul	95
47) Acenaphthylene	14.09	152	493751	5.054	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
49) Acenaphthene	14.43	153	340044	5.137 ng/ul	99
53) Dibenzofuran	14.77	168	480856	4.896 ng/ul	100
54) 2,4-Dinitrotoluene	14.73	165	64560	2.483 ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	14.99	232	72568	3.440 ng/ul#	97
56) Diethylphthalate	15.20	149	416793	5.002 ng/ul	98
58) Fluorene	15.42	166	397372	4.974 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.42	204	185144	4.248 ng/ul	97
64) N-Nitrosodiphenylamine	15.63	169	351426	5.545 ng/ul	98
65) 4-Bromophenyl-phenylether	16.31	248	113961	4.444 ng/ul	94
66) Hexachlorobenzene	16.42	284	122953	4.274 ng/ul	97
69) Phenanthrene	17.16	178	637889	5.255 ng/ul	100
71) Anthracene	17.25	178	653088	5.284 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.16	216	147158	4.483 ng/uL	98
73) Pentachlorobenzene	14.69	250	139336	4.303 ng/uL	99
75) Di-n-butylphthalate	18.09	149	745492	5.727 ng/ul	99
79) Pyrene	19.55	202	758459	5.380 ng/ul#	92
80) Butylbenzylphthalate	20.46	149	253421	4.388 ng/ul	96
82) Benzo(a)anthracene	21.31	228	742685	5.135 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.25	149	461360	5.630 ng/ul	100
84) Chrysene	21.36	228	688996	5.053 ng/ul	99
87) Benzo(b)fluoranthene	22.91	252	723534	4.944 ng/ul	98
88) Benzo(k)fluoranthene	22.95	252	727190	5.135 ng/ul#	97
90) Benzo(a)pyrene	23.49	252	718310	5.069 ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.86	276	826231	4.769 ng/ul#	93
92) Dibenzo(a,h)anthracene	25.87	278	694408	4.761 ng/ul#	96
93) Benzo(g,h,i)perylene	26.55	276	700343	4.836 ng/ul#	95

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

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