Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
Data File : BN005978.D
Acq On : 31 May 2019 12:43
Operator : JU/SJ
Sample : K2928-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A42B7

Quant Time: May 31 14:17:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 14:10:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	569962	20.00	ng/ul	0.01
18) Naphthalene-d8	10.54	136	2200935	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.41	164	992245	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.16	188	1754693	20.00	ng/ul	0.02
77) Chrysene-d12	21.38	240	1331238	20.00	ng/ul	0.02
85) Perylene-d12	23.69	264	1624166	20.00	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	50995	3.94	ng/uL	0.01
5) Phenol-d5	6.92	99	1044941	20.68	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.08	67	628368	21.80	ng/ul	0.01
9) 2-Chlorophenol-d4	7.28	132	857722	22.29	ng/ul	0.01
13) 4-Methylphenol-d8	8.45	113	795650	19.51	ng/ul	0.02
19) Nitrobenzene-d5	8.90	128	404248	28.62	ng/ul	0.01
22) 2-Nitrophenol-d4	9.62	143	403301	30.65	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.16	165	730980	23.53	ng/ul	0.02
29) 4-Chloroaniline-d4	10.67	131	391054	9.60	ng/ul	0.01
43) Dimethylphthalate-d6	13.81	166	1932468	26.42	ng/ul	0.02
46) Acenaphthylene-d8	14.09	160	2280209	24.92	ng/ul	0.02
51) 4-Nitrophenol-d4	14.61	143	232235	17.45	ng/ul	0.02
57) Fluorene-d10	15.40	176	1538310	25.08	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.54	200	40432	5.65	ng/ul	0.03
70) Anthracene-d10	17.26	188	1899856	25.44	ng/ul	0.02
78) Pyrene-d10	19.56	212	1731614	25.76	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.55	264	1722991	23.77	ng/ul	0.05
Target Compounds						Qvalue
44) Dimethylphthalate	13.85	163	605297	8.279	ng/ul	99
69) Phenanthrene	17.20	178	499787	5.749	ng/ul	100
71) Anthracene	17.29	178	138636	1.571	ng/ul	97
76) Fluoranthene	19.23	202	766686	8.261	ng/ul	98
79) Pyrene	19.59	202	640151	7.591	ng/ul	97
82) Benzo(a)anthracene	21.36	228	333335	3.983	ng/ul#	85
83) Bis(2-ethylhexyl)phthalate	21.29	149	146043	2.659	ng/ul#	85
84) Chrysene	21.42	228	315841	4.047	ng/ul#	85
87) Benzo(b)fluoranthene	23.00	252	413793	4.536	ng/ul#	61
90) Benzo(a)pyrene	23.59	252	289886	3.370	ng/ul#	56
91) Indeno(1,2,3-cd)pyrene	26.02	276	205288	2.034	ng/ul#	71
93) Benzo(g,h,i)perylene	26.72	276	187940	2.211	ng/ul#	62

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

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