

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN100618\  
 Data File : BN002966.D  
 Acq On : 05 Oct 2018 14:52  
 Operator : MJ/SJ  
 Sample : J5183-01DL 5X  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampled :  
 JLC16DL

Manual Integrations  
 APPROVED

Sohil  
 10/8/2018 5:53:29 PM

Quant Time: Oct 06 02:29:28 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN091418MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Oct 06 01:07:30 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	154759	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	680778	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	391918	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	791310	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	544232	20.00	ng/ul	0.01
85) Perylene-d12	23.44	264	573663	20.00	ng/ul	0.02

## System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	1860	0.55	ng/uL	0.00
5) Phenol-d5	6.83	99	42233	3.21	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.97	67	29296	3.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	38493	3.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	32723	3.21	ng/ul	0.01
19) Nitrobenzene-d5	8.78	128	18160	3.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	20133	3.37	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.05	165	37261	3.46	ng/ul	0.02
29) 4-Chloroaniline-d4	10.56	131	26156	2.10	ng/ul	0.02
43) Dimethylphthalate-d6	13.68	166	124023	4.04	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	162956	4.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	8399	1.66	ng/ul	0.06
57) Fluorene-d10	15.27	176	119507	4.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	1296	0.26	ng/ul	0.02
70) Anthracene-d10	17.12	188	164463	4.35	ng/ul	0.00
78) Pyrene-d10	19.43	212	145414	5.06	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.30	264	132739	4.40	ng/ul	0.02

## Target Compounds

					Qvalue
44) Dimethylphthalate	13.73	163	130956	4.374	ng/ul 100
69) Phenanthrene	17.06	178	90375	2.073	ng/ul 97
76) Fluoranthene	19.09	202	301901	6.491	ng/ul 98
79) Pyrene	19.46	202	294316	8.179	ng/ul 99
80) Butylbenzylphthalate	20.36	149	78923	5.271	ng/ul 97
82) Benzo(a)anthracene	21.22	228	211377	6.243	ng/ul 97
83) Bis(2-ethylhexyl)phthalate	21.15	149	326691	15.029	ng/ul 98
84) Chrysene	21.27	228	1193884	37.622	ng/ul 99
86) Di-n-octyl phthalate	22.02	149	161815	4.267	ng/ul# 68
87) Benzo(b)fluoranthene	22.79	252	760695	21.713	ng/ul# 96
88) Benzo(k)fluoranthene	22.82	252	163402m	4.999	ng/ul
90) Benzo(a)pyrene	23.35	252	114164	3.447	ng/ul# 87
91) Indeno(1,2,3-cd)pyrene	25.66	276	202739	5.170	ng/ul 99
92) Dibenzo(a,h)anthracene	25.65	278	64549	1.954	ng/ul# 82
93) Benzo(g,h,i)perylene	26.33	276	236323	7.210	ng/ul 96

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

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