

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000517.D
 Acq On : 21 Mar 2018 13:35
 Operator : JU/SJ
 Sample : J1905-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM51

Manual Integrations
 APPROVED

Sohil
 3/22/2018 6:49:03 PM

Quant Time: Mar 26 07:57:24 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 22 01:34:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	141938	20.00	ng/ul	0.04
18) Naphthalene-d8	11.30	136	276439	20.00	ng/ul	0.04
35) Acenaphthene-d10	15.07	164	250792	20.00	ng/ul	0.04
61) Phenanthrene-d10	17.91	188	417822m	20.00	ng/ul	0.15
75) Chrysene-d12	21.91	240	493754m	20.00	ng/ul	0.02
83) Perylene-d12	24.40	264	546402	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	33770	8.50	ng/uL	0.00
5) Phenol-d5	7.62	99	122466	9.25	ng/ul	0.06
7) Bis-(2-Chloroethyl)ether-d	7.75	67	770689	100.90	ng/ul	0.03
9) 2-Chlorophenol-d4	8.01	132	230592	23.03	ng/ul	0.07
13) 4-Methylphenol-d8	9.25	113	217093m	21.05	ng/ul	0.12
19) Nitrobenzene-d5	9.64	128	194288	86.54	ng/ul	0.05
22) 2-Nitrophenol-d4	10.37	143	96674	41.57	ng/ul	0.05
26) 2,4-Dichlorophenol-d3	10.98	165	254292	60.99	ng/ul	0.12
29) 4-Chloroaniline-d4	11.40	131	574003	134.13	ng/ul	0.01
43) Dimethylphthalate-d6	14.46	166	484737	24.46	ng/ul	0.04
46) Acenaphthylene-d8	14.77	160	679132	25.98	ng/ul	0.04
51) 4-Nitrophenol-d4	15.28	143	194627	52.90	ng/ul	0.06
57) Fluorene-d10	16.08	176	483369	28.63	ng/ul	0.06
62) 4,6-Dinitro-2-methylphenol	16.22	200	210808m	88.10	ng/ul	0.09
70) Anthracene-d10	17.98	188	577942m	28.78	ng/ul	0.12
76) Pyrene-d10	20.15	212	712444m	26.14	ng/ul	0.04
87) Benzo(a)pyrene-d12	24.24	264	722519	28.02	ng/ul	0.03
Target Compounds						
21) Isophorone	10.23	82	4071037	385.327	ng/ul#	81
28) Naphthalene	11.35	128	2281054	157.130	ng/ul#	94
34) 2-Methylnaphthalene	12.95	142	5003703	516.268	ng/ul	99
38) 2,4,6-Trichlorophenol	13.55	196	145099m	28.391	ng/ul	
39) 2,4,5-Trichlorophenol	13.63	196	125876m	23.621	ng/ul	
40) 1,1'-Biphenyl	13.91	154	559655	26.214	ng/ul	95
49) Acenaphthene	15.14	153	293581	16.815	ng/ul#	80
55) 2,3,4,6-Tetrachlorophenol	15.77	232	11200320m	2752.366	ng/ul	
58) Fluorene	16.13	166	561639	29.805	ng/ul#	73
68) Pentachlorophenol	17.52	266	35141522m	14802.426	ng/ul	
69) Phenanthrene	17.94	178	2621970m	108.928	ng/ul	
71) Anthracene	18.02	178	454030m	18.396	ng/ul	
74) Fluoranthene	19.82	202	1658990m	69.359	ng/ul	
77) Pyrene	20.18	202	1494637m	41.445	ng/ul	
80) Benzo(a)anthracene	21.89	228	206784m	6.286	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.76	149	474491	18.245	ng/ul	95
82) Chrysene	21.94	228	210411m	6.822	ng/ul	
84) Di-n-octyl phthalate	22.72	149	309203	6.723	ng/ul	100
85) Benzo(b)fluoranthene	23.64	252	115423m	3.343	ng/ul	

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

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