

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
 Data File : BM012402.D
 Acq On : 22 Oct 2017 18:22
 Operator : SJ/JU
 Sample : I5756-07
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 B0CN1

Manual Integrations
 APPROVED

Sohil
 10/24/2017 10:20:10 AM

Quant Time: Oct 23 18:39:38 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 23 18:04:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	352705	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	1457157	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	833869	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1564397	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1382058	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	1447449	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	21312	2.87	ng/uL	0.00
5) Phenol-d5	6.94	99	572463	20.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	353588	20.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	528787	21.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	469816	19.07	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	249680	22.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	290406	22.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	553279	22.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	154062	6.64	ng/ul	0.01
43) Dimethylphthalate-d6	13.83	166	1724971	23.41	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	2103770	23.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	136630	12.33	ng/ul	0.02
57) Fluorene-d10	15.42	176	1381485	22.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	610	0.06	ng/ul	-0.01
70) Anthracene-d10	17.28	188	1847427	23.88	ng/ul	0.00
76) Pyrene-d10	19.58	212	1701324	24.25	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.52	264	1656499	23.74	ng/ul	0.02

Target Compounds

					Ovalue
6) Phenol	6.97	94	118715	4.013	ng/ul 88
28) Naphthalene	10.61	128	353604	4.690	ng/ul 99
34) 2-Methylnaphthalene	12.23	142	637894	11.213	ng/ul 100
40) 1,1'-Biphenyl	13.25	154	106907	1.519	ng/ul 96
44) Dimethylphthalate	13.88	163	495845	6.715	ng/ul 99
47) Acenaphthylene	14.15	152	1291566	14.743	ng/ul# 95
49) Acenaphthene	14.49	153	470069	7.966	ng/ul 96
53) Dibenzofuran	14.82	168	147984	1.742	ng/ul# 71
58) Fluorene	15.48	166	1135152	16.087	ng/ul 99
69) Phenanthrene	17.22	178	8588353	96.504	ng/ul 97
71) Anthracene	17.31	178	1728131	18.757	ng/ul 99
74) Fluoranthene	19.24	202	6208668	57.809	ng/ul# 95
77) Pyrene	19.61	202	10283413	112.667	ng/ul# 92
80) Benzo(a)anthracene	21.35	228	3813538	42.406	ng/ul# 92
82) Chrysene	21.41	228	4296731	50.890	ng/ul 94
85) Benzo(b)fluoranthene	22.98	252	3321463m	35.163	ng/ul
86) Benzo(k)fluoranthene	23.01	252	934325m	10.264	ng/ul
88) Benzo(a)pyrene	23.58	252	3235418	36.341	ng/ul# 96
89) Indeno(1,2,3-cd)pyrene	26.04	276	1779890	18.826	ng/ul 99
90) Dibenz(a,h)anthracene	26.03	278	626512	7.883	ng/ul# 75
91) Benzo(a,h,i)perylene	26.76	276	1692304	21.855	ng/ul# 94

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

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