

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014792.D
 Acq On : 24 Apr 2018 00:52
 Operator : SJ/JU
 Sample : J2431-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASP5

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:34 PM

Quant Time: Apr 24 03:52:17 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 02:13:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.53	152	409400	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	1677096	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	946832	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	1792070	20.00	ng/ul	0.02
75) Chrysene-d12	21.94	240	1929478	20.00	ng/ul	0.02
83) Perylene-d12	24.43	264	1994128	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.66	96	29975	3.20	ng/uL	0.00
5) Phenol-d5	7.65	99	581010	18.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	416274	20.51	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	473187	17.87	ng/ul	0.00
13) 4-Methylphenol-d8	9.22	113	441720	17.50	ng/ul	0.00
19) Nitrobenzene-d5	9.71	128	241405	19.91	ng/ul	0.00
22) 2-Nitrophenol-d4	10.44	143	230734	19.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.98	165	418658	17.07	ng/ul	0.00
29) 4-Chloroaniline-d4	11.48	131	800289	33.05	ng/ul	-0.01
43) Dimethylphthalate-d6	14.52	166	1180507	15.97	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	1447490	15.86	ng/ul	0.00
51) 4-Nitrophenol-d4	15.29	143	181797	13.25	ng/ul	0.00
57) Fluorene-d10	16.11	176	1038946	16.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.23	200	74781	7.71	ng/ul	0.03
70) Anthracene-d10	17.97	188	1491177	17.86	ng/ul	0.03
76) Pyrene-d10	20.19	212	1635270	17.91	ng/ul	0.02
87) Benzo(a)pyrene-d12	24.27	264	1813004	18.51	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	11.43	128	20029001m	245.077	ng/ul	
34) 2-Methylnaphthalene	13.00	142	19550465m	344.488	ng/ul	
40) 1,1'-Biphenyl	13.97	154	8296520	108.965	ng/ul#	96
44) Dimethylphthalate	14.57	163	261763	3.664	ng/ul#	98
47) Acenaphthylene	14.86	152	1432855	16.205	ng/ul#	91
49) Acenaphthene	15.20	153	24387238m	388.093	ng/ul	
53) Dibenzofuran	15.52	168	21976442m	251.850	ng/ul	
58) Fluorene	16.17	166	23048532m	327.116	ng/ul	
68) Pentachlorophenol	17.52	266	13247	1.059	ng/ul	95
69) Phenanthrene	17.89	178	40139507m	417.070	ng/ul	
71) Anthracene	17.99	178	19135671m	195.916	ng/ul	
72) Carbazole	18.24	167	3843191	46.124	ng/ul	98
74) Fluoranthene	19.85	202	32359799m	308.398	ng/ul	
77) Pyrene	20.21	202	29798798m	264.325	ng/ul	
78) Butylbenzylphthalate	21.04	149	215902	4.694	ng/ul	92
80) Benzo(a)anthracene	21.92	228	19757046m	175.101	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.80	149	9961840	147.561	ng/ul	96
82) Chrysene	21.98	228	17248287	163.293	ng/ul#	74
84) Di-n-octyl phthalate	22.76	149	675433	5.889	ng/ul#	87
85) Benzo(b)fluoranthene	23.68	252	18059681	153.631	ng/ul#	93
86) Benzo(k)fluoranthene	23.72	252	5842297m	51.684	ng/ul	
88) Benzo(a)pyrene	24.33	252	11727650	105.173	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	27.01	276	4347350	32.227	ng/ul#	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Dibenzo(a,h)anthracene	27.01	278	1245915	10.969	ng/ul#	90
91) Benzo(g,h,i)perylene	27.81	276	3460467	31.182	ng/ul#	89

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

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