

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014797.D
 Acq On : 24 Apr 2018 03:53
 Operator : SJ/JU
 Sample : J2431-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASP4

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:40 PM

Quant Time: Apr 24 04:45:40 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	400541	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	1661332	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	863282	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.85	188	1784441	20.00	ng/ul	0.01
75) Chrysene-d12	21.94	240	1833351	20.00	ng/ul	0.01
83) Perylene-d12	24.43	264	1914075	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.66	96	60417	6.59	ng/uL	0.00
5) Phenol-d5	7.65	99	1172294	37.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	794124	39.99	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	979988	37.83	ng/ul	0.00
13) 4-Methylphenol-d8	9.22	113	914746	37.04	ng/ul	0.00
19) Nitrobenzene-d5	9.71	128	460263	38.32	ng/ul	0.00
22) 2-Nitrophenol-d4	10.44	143	491234	41.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	880014	36.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	1160043	48.36	ng/ul	0.00
43) Dimethylphthalate-d6	14.52	166	2490844	36.96	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	3072094	36.92	ng/ul	0.00
51) 4-Nitrophenol-d4	15.29	143	329011	26.31	ng/ul	0.00
57) Fluorene-d10	16.10	176	2138090	36.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.22	200	88100	9.12	ng/ul	0.02
70) Anthracene-d10	17.95	188	3118647	37.50	ng/ul	0.01
76) Pyrene-d10	20.19	212	3443335	39.70	ng/ul	0.01
87) Benzo(a)pyrene-d12	24.27	264	3781061	40.21	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.67	94	74293	2.439	ng/ul#	82
28) Naphthalene	11.42	128	313443	3.872	ng/ul	97
34) 2-Methylnaphthalene	12.99	142	532776	9.477	ng/ul	97
40) 1,1'-Biphenyl	13.97	154	420126	6.052	ng/ul#	98
44) Dimethylphthalate	14.56	163	401256	6.160	ng/ul	99
47) Acenaphthylene	14.86	152	504346	6.256	ng/ul#	96
49) Acenaphthene	15.19	153	2726570	47.589	ng/ul	98
53) Dibenzofuran	15.52	168	4232725	53.202	ng/ul	99
58) Fluorene	16.16	166	7608748	118.438	ng/ul	98
69) Phenanthrene	17.89	178	29675497m	309.662	ng/ul	
71) Anthracene	17.99	178	14665227	150.788	ng/ul#	81
72) Carbazole	18.23	167	162421	1.958	ng/ul#	80
74) Fluoranthene	19.85	202	29171847m	279.204	ng/ul	
77) Pyrene	20.21	202	25720145m	240.109	ng/ul	
78) Butylbenzylphthalate	21.04	149	552958	12.653	ng/ul	89
80) Benzo(a)anthracene	21.91	228	16449097	153.428	ng/ul#	87
81) Bis(2-ethylhexyl)phthalate	21.80	149	8059858	125.648	ng/ul	98
82) Chrysene	21.98	228	14045902	139.948	ng/ul#	84
84) Di-n-octyl phthalate	22.76	149	494866	4.495	ng/ul#	87
85) Benzo(b)fluoranthene	23.67	252	12866188	114.028	ng/ul#	95
86) Benzo(k)fluoranthene	23.71	252	4152715m	38.274	ng/ul	
88) Benzo(a)pyrene	24.33	252	7842667	73.274	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	27.01	276	3003746	23.198	ng/ul#	91

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90) Dibenzo(a,h)anthracene	27.01	278	880131	8.073	ng/ul#	89
91) Benzo(g,h,i)perylene	27.81	276	2140456	20.094	ng/ul#	88

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

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