

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM022618\
 Data File : BM014368.D
 Acq On : 26 Feb 2018 22:12
 Operator : SJ/JU
 Sample : J1631-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 BE5Y9

Manual Integrations
 APPROVED

Sohil
 2/27/2018 4:58:37 PM

Quant Time: Feb 27 05:03:20 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 27 03:22:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	173575	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	742918	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	413256	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	772727	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	531088	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	514502	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	18601	4.59	ng/uL	0.00
5) Phenol-d5	6.73	99	383597	26.15	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.87	67	248360	27.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	328456	29.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	301338	23.48	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	176319	32.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	192246	33.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	324624	27.58	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	232808	20.08	ng/ul	0.01
43) Dimethylphthalate-d6	13.60	166	1119387	32.80	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	1401555	33.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	84684m	17.97	ng/ul	0.02
57) Fluorene-d10	15.19	176	910493	29.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	33656	7.26	ng/ul	0.01
70) Anthracene-d10	17.04	188	1242826	33.34	ng/ul	0.00
76) Pyrene-d10	19.35	212	1048816	38.29	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	799470	31.93	ng/ul	0.02

Target Compounds

					Qvalue	
4) Benzaldehyde	6.69	77	7159	1.197	ng/ul#	72
14) Acetophenone	8.36	105	29313	1.324	ng/ul	96
28) Naphthalene	10.35	128	105973	2.777	ng/ul	99
34) 2-Methylnaphthalene	11.97	142	46683	1.607	ng/ul	96
44) Dimethylphthalate	13.65	163	218545	6.494	ng/ul	99
47) Acenaphthylene	13.90	152	83957	2.111	ng/ul	99
49) Acenaphthene	14.24	153	80508	2.874	ng/ul	91
53) Dibenzofuran	14.59	168	67619	1.610	ng/ul	97
58) Fluorene	15.24	166	89873	2.479	ng/ul#	91
69) Phenanthrene	16.99	178	1485605	33.368	ng/ul	99
71) Anthracene	17.07	178	382540	8.544	ng/ul	99
72) Carbazole	17.36	167	134317	3.568	ng/ul	95
73) Di-n-butylphthalate	17.92	149	69914	1.439	ng/ul#	94
74) Fluoranthene	19.02	202	2329497	43.795	ng/ul#	92
77) Pyrene	19.39	202	2130832	60.373	ng/ul#	93
78) Butylbenzylphthalate	20.30	149	84074	5.761	ng/ul#	76
80) Benzo(a)anthracene	21.14	228	1008786	30.435	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.08	149	5935613	283.995	ng/ul#	96
82) Chrysene	21.19	228	981609m	31.746	ng/ul	
85) Benzo(b)fluoranthene	22.69	252	1311903	38.081	ng/ul#	98
86) Benzo(k)fluoranthene	22.73	252	331805	10.130	ng/ul#	94
88) Benzo(a)pyrene	23.24	252	914013	29.691	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.50	276	624920	20.919	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Dibenzo(a,h)anthracene	25.49	278	139745	5.630	ng/ul#	74
91) Benzo(g,h,i)perylene	26.17	276	484582	20.024	ng/ul	98

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

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