

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022317\
 Data File : BM009007.D
 Acq On : 23 Feb 2017 15:37
 Operator : SJ/MA
 Sample : SSTD16053
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD16053

Manual Integrations
 APPROVED

mohammad
 2/23/2017 4:58:37 PM

Quant Time: Feb 23 16:19:35 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 23 14:43:18 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	205677	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	824364	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.55	164	594248	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	1187116	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	1409947	20.00	ng/ul	0.00
83) Perylene-d12	23.82	264	1305669	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.07	99	3133445	171.46	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.24	67	2179137	163.83	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.62	113	2292085	168.01	ng/ul	0.02
19) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.85	131	1961414	146.29	ng/ul	0.01
43) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
51) 4-Nitrophenol-d4	14.76	143	1207597	168.71	ng/ul	0.03
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	15.67	200	1348265	191.13	ng/ul	0.02
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
76) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
87) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds

						Ovalue
4) Benzaldehyde	7.05	77	1577505	111.91	ng/ul#	82
6) Phenol	7.10	94	3289649	167.53	ng/ul#	67
8) Bis(2-Chloroethyl)ether	7.33	93	2512676	163.22	ng/ul#	81
11) 2-Methylphenol	8.34	108	2298719	169.29	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.43	45	4021417	163.14	ng/ul	97
14) Acetophenone	8.74	105	3915953	165.08	ng/ul#	73
16) 4-Methylphenol	8.69	108	2443186	164.82	ng/ul	95
30) 4-Chloroaniline	10.87	127	2082067	147.98	ng/ul	97
32) Caprolactam	11.70	113	684477m	170.47	ng/ul	
37) Hexachlorocyclopentadiene	12.70	237	2186789	176.38	ng/ul	98
48) 3-Nitroaniline	14.46	138	1069708	145.03	ng/ul#	81
50) 2,4-Dinitrophenol	14.66	184	978000	186.71	ng/ul#	74
52) 4-Nitrophenol	14.77	109	1497220	173.56	ng/ul#	76
60) 4-Nitroaniline	15.64	138	1243337m	145.84	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.68	198	1397790	183.86	ng/ul#	81
67) Atrazine	16.76	200	2290005	171.19	ng/ul	97
68) Pentachlorophenol	16.93	266	1632131	182.44	ng/ul	86
72) Carbazole	17.70	167	9864125	168.29	ng/ul	98
74) Fluoranthene	19.34	202	12590908	160.36	ng/ul#	88
79) 3,3'-Dichlorobenzidine	21.38	252	3845085	143.90	ng/ul	98
84) Di-n-octyl phthalate	22.26	149	12427418	172.68	ng/ul#	97

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

