

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061515\
 Data File : BM001695.D
 Acq On : 15 Jun 2015 11:19
 Operator : TP/IZ
 Sample : SSTD00592
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD00592

Manual Integrations
 APPROVED

apatel
 6/16/2015 1:57:58 PM

Quant Time: Jun 15 14:04:00 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 15 13:42:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	62464	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	243717	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	142591	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	330237	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	411360	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	434998	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	2809	2.51	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.20	132	19911	5.59	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.83	128	8405	5.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	8747	4.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	19751	5.18	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.73	166	56062	5.74	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	71842	5.54	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.32	176	54653	5.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.16	188	80773	5.61	ng/ul	0.00
78) Pyrene-d10	19.46	212	91769	5.50	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	98720	5.46	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.18	88	3626	2.95	ng/uL	89
10) 2-Chlorophenol	7.23	128	20955	5.67	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.47	70	15218	5.43	ng/ul	95
17) Hexachloroethane	8.74	117	8046	5.20	ng/ul	94
20) Nitrobenzene	8.86	77	23160	5.23	ng/ul	97
21) Isophorone	9.39	82	38187	5.22	ng/ul#	97
23) 2-Nitrophenol	9.57	139	9659	4.95	ng/ul	92
24) 2,4-Dimethylphenol	9.63	107	24519	5.48	ng/ul	91
25) Bis(2-Chloroethoxy)methane	9.87	93	25493	5.79	ng/ul	98
27) 2,4-Dichlorophenol	10.10	162	19388	5.21	ng/ul	96
28) Naphthalene	10.50	128	67460	5.80	ng/ul	100
31) Hexachlorobutadiene	10.79	225	16202	5.36	ng/ul	96
33) 4-Chloro-3-methylphenol	11.75	107	20280	5.38	ng/ul	97
34) 2-Methylnaphthalene	12.13	142	47672	5.64	ng/ul	98
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	28513	5.57	ng/ul	96
38) 2,4,6-Trichlorophenol	12.75	196	15303	5.08	ng/ul	93
39) 2,4,5-Trichlorophenol	12.81	196	16581	5.13	ng/ul	96
40) 1,1'-Biphenyl	13.15	154	62902	5.71	ng/ul	99
41) 2-Chloronaphthalene	13.19	162	49895	5.78	ng/ul	97
42) 2-Nitroaniline	13.40	65	10798	4.72	ng/ul	89
44) Dimethylphthalate	13.78	163	61710	5.76	ng/ul	98
45) 2,6-Dinitrotoluene	13.90	165	10071	4.90	ng/ul	98
47) Acenaphthylene	14.04	152	75592	5.70	ng/ul	99

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49) Acenaphthene	14.39	153	50989	5.71	ng/ul	95
53) Dibenzofuran	14.72	168	74893	5.91	ng/ul	97
54) 2,4-Dinitrotoluene	14.69	165	14798	5.04	ng/ul#	92
55) 2,3,4,6-Tetrachlorophenol	14.94	232	15201	5.33	ng/ul#	94
56) Diethylphthalate	15.14	149	57978	5.60	ng/ul	98
58) Fluorene	15.37	166	60880	5.79	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.37	204	33720	5.82	ng/ul	99
64) N-Nitrosodiphenylamine	15.59	169	49936	5.45	ng/ul	99
65) 4-Bromophenyl-phenylether	16.26	248	19529	5.47	ng/ul	95
66) Hexachlorobenzene	16.37	284	22185	5.65	ng/ul	95
69) Phenanthrene	17.11	178	96634	5.78	ng/ul	99
71) Anthracene	17.20	178	97533	5.67	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.11	216	27018	5.58	ng/uL	91
73) Pentachlorobenzene	14.64	250	26956	5.84	ng/uL	93
75) Di-n-butylphthalate	18.04	149	83135	5.08	ng/ul	100
79) Pyrene	19.49	202	120644	5.50	ng/ul#	96
80) Butylbenzylphthalate	20.40	149	33676	4.56	ng/ul	94
82) Benzo(a)anthracene	21.24	228	128725	5.71	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.17	149	50978	4.75	ng/ul	99
84) Chrysene	21.30	228	124300	5.87	ng/ul	99
87) Benzo(b)fluoranthene	22.82	252	131229	5.42	ng/ul	98
88) Benzo(k)fluoranthene	22.86	252	132904m	5.71	ng/ul	
90) Benzo(a)pyrene	23.39	252	129078	5.54	ng/ul#	98
91) Indeno(1,2,3-cd)pyrene	25.72	276	149642	5.52	ng/ul#	96
92) Dibenzo(a,h)anthracene	25.74	278	125176	5.44	ng/ul	99
93) Benzo(g,h,i)perylene	26.41	276	126499	5.63	ng/ul	98

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

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