

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
 Data File : BM008801.D
 Acq On : 23 Jan 2017 13:04
 Operator : UM/SJ
 Sample : SSTD00535
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD00535

Manual Integrations
 APPROVED

mohammad
 1/24/2017 5:16:59 PM

Quant Time: Jan 24 02:58:17 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 23 15:32:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	109920	20.00	ng/ul	0.00
18) Naphthalene-d8	10.75	136	479554	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	393264	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	924290	20.00	ng/ul	0.00
75) Chrysene-d12	21.49	240	1209281	20.00	ng/ul	0.00
83) Perylene-d12	23.85	264	1080971	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	4558	1.92	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	7.47	132	28581	4.54	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.10	128	13543	4.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	16397	5.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.35	165	34010	4.59	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.98	166	122082	4.71	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	137091	4.48	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.56	176	114511	4.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.42	188	186660	4.69	ng/ul	0.00
76) Pyrene-d10	19.70	212	226952	4.26	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	206241	4.68	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	4722	1.67	ng/uL#	9
10) 2-Chlorophenol	7.50	128	30331	4.71	ng/ul#	63
15) N-Nitroso-di-n-propylamine	8.75	70	39375	5.64	ng/ul#	59
17) Hexachloroethane	9.02	117	18728	5.48	ng/ul	90
20) Nitrobenzene	9.15	77	62369	5.94	ng/ul#	76
21) Isophorone	9.67	82	98508	5.30	ng/ul#	87
23) 2-Nitrophenol	9.86	139	17257	5.02	ng/ul#	21
24) 2,4-Dimethylphenol	9.90	107	48280	4.95	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.15	93	48833	4.97	ng/ul	95
27) 2,4-Dichlorophenol	10.39	162	34502	4.71	ng/ul#	85
28) Naphthalene	10.79	128	102212	4.66	ng/ul	99
31) Hexachlorobutadiene	11.07	225	32394	4.93	ng/ul#	79
33) 4-Chloro-3-methylphenol	12.01	107	45609	5.18	ng/ul#	82
34) 2-Methylnaphthalene	12.40	142	82473	4.85	ng/ul	92
36) 1,2,4,5-Tetrachlorobenzene	12.76	216	56594	4.80	ng/ul#	94
38) 2,4,6-Trichlorophenol	13.00	196	33653	4.73	ng/ul	95
39) 2,4,5-Trichlorophenol	13.07	196	36007m	4.69	ng/ul	
40) 1,1'-Biphenyl	13.41	154	113032	4.58	ng/ul	97
41) 2-Chloronaphthalene	13.45	162	88279	4.56	ng/ul#	90
42) 2-Nitroaniline	13.66	65	41494	6.16	ng/ul#	71
44) Dimethylphthalate	14.03	163	120255	4.64	ng/ul	97
45) 2,6-Dinitrotoluene	14.15	165	21449	4.74	ng/ul#	45
47) Acenaphthylene	14.30	152	139081	4.63	ng/ul	97

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49) Acenaphthene	14.64	153	95963	4.62	ng/ul	100
53) Dibenzofuran	14.97	168	144647	4.58	ng/ul	93
54) 2,4-Dinitrotoluene	14.93	165	33876	4.94	ng/ul#	50
55) 2,3,4,6-Tetrachlorophenol	15.19	232	36074	4.97	ng/ul#	98
56) Diethylphthalate	15.39	149	131341	4.81	ng/ul	96
58) Fluorene	15.62	166	115126	4.45	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.62	204	69234	4.72	ng/ul	95
64) N-Nitrosodiphenylamine	15.83	169	108050	4.66	ng/ul	98
65) 4-Bromophenyl-phenylether	16.51	248	46381	4.84	ng/ul#	88
66) Hexachlorobenzene	16.62	284	51261	4.78	ng/ul#	82
69) Phenanthrene	17.36	178	214398	4.82	ng/ul	99
71) Anthracene	17.45	178	214963m	4.70	ng/ul	
73) Di-n-butylphthalate	18.27	149	225739	4.72	ng/ul#	94
77) Pyrene	19.73	202	282829	4.35	ng/ul#	90
78) Butylbenzylphthalate	20.62	149	101779	4.25	ng/ul#	85
80) Benzo(a)anthracene	21.47	228	300850	4.69	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.39	149	146097	4.36	ng/ul	97
82) Chrysene	21.52	228	277940	4.67	ng/ul	97
85) Benzo(b)fluoranthene	23.13	252	275043m	4.77	ng/ul	
86) Benzo(k)fluoranthene	23.17	252	270249	4.85	ng/ul	99
88) Benzo(a)pyrene	23.74	252	258323	4.70	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.27	276	266989	4.28	ng/ul#	87
90) Dibenzo(a,h)anthracene	26.27	278	232571	4.37	ng/ul#	91
91) Benzo(g,h,i)perylene	27.00	276	208812	3.95	ng/ul#	93

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

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