

Data Path : Z:\HPCHEM1\BNA M\DATA\BM013017\
 Data File : BM008905.D
 Acq On : 30 Jan 2017 11:06
 Operator : SJ/MA
 Sample : SSTD00553
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD00553

Manual Integrations
 APPROVED

mohammad
 1/31/2017 3:39:39 PM

Quant Time: Jan 30 15:41:06 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM013017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 30 14:20:42 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	35660	20.00	ng/ul	0.00
18) Naphthalene-d8	10.73	136	143442	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.56	164	111277	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.30	188	254119	20.00	ng/ul	0.00
75) Chrysene-d12	21.47	240	347147	20.00	ng/ul	0.00
83) Perylene-d12	23.83	264	348145	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.38	96	1899	2.63	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	7.45	132	8865	4.51	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.09	128	4854	5.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.81	143	5192	4.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.35	165	11423	4.92	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.97	166	40409	5.54	ng/ul	0.00
46) Acenaphthylene-d8	14.26	160	38639	4.48	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.55	176	34743	5.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.40	188	58201m	5.24	ng/ul	0.00
76) Pyrene-d10	19.69	212	69022	4.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.67	264	72774	4.94	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.41	88	2295	2.63	ng/uL#	81
10) 2-Chlorophenol	7.49	128	10246	5.04	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.73	70	13988	4.95	ng/ul#	87
17) Hexachloroethane	9.00	117	6383	5.09	ng/ul#	80
20) Nitrobenzene	9.13	77	24599	6.12	ng/ul#	85
21) Isophorone	9.65	82	32390	4.99	ng/ul	98
23) 2-Nitrophenol	9.83	139	5833m	5.07	ng/ul	
24) 2,4-Dimethylphenol	9.89	107	17324	5.28	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.13	93	18558	5.74	ng/ul#	90
27) 2,4-Dichlorophenol	10.37	162	11375	4.99	ng/ul#	75
28) Naphthalene	10.78	128	33073	4.99	ng/ul#	94
31) Hexachlorobutadiene	11.06	225	12456	5.64	ng/ul#	87
33) 4-Chloro-3-methylphenol	12.00	107	14643	4.95	ng/ul#	86
34) 2-Methylnaphthalene	12.39	142	25015	4.65	ng/ul	90
36) 1,2,4,5-Tetrachlorobenzene	12.75	216	17834	5.22	ng/ul#	89
38) 2,4,6-Trichlorophenol	12.99	196	10436m	5.06	ng/ul	
39) 2,4,5-Trichlorophenol	13.05	196	11777	5.31	ng/ul	95
40) 1,1'-Biphenyl	13.39	154	35087	5.10	ng/ul#	84
41) 2-Chloronaphthalene	13.43	162	28307	5.23	ng/ul#	94
42) 2-Nitroaniline	13.64	65	14560	5.42	ng/ul	89
44) Dimethylphthalate	14.01	163	36938	5.07	ng/ul	100
45) 2,6-Dinitrotoluene	14.13	165	6552	4.69	ng/ul	91
47) Acenaphthylene	14.29	152	41632	5.01	ng/ul	96

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49) Acenaphthene	14.63	153	29433	5.03	ng/ul	95
53) Dibenzofuran	14.96	168	47136	5.24	ng/ul	92
54) 2,4-Dinitrotoluene	14.92	165	9474	4.42	ng/ul#	79
55) 2,3,4,6-Tetrachlorophenol	15.18	232	10071	4.53	ng/ul#	88
56) Diethylphthalate	15.37	149	38913	4.91	ng/ul	96
58) Fluorene	15.61	166	38619	5.14	ng/ul	93
59) 4-Chlorophenyl-phenylether	15.60	204	22642	5.20	ng/ul#	75
64) N-Nitrosodiphenylamine	15.81	169	34481	5.36	ng/ul	96
65) 4-Bromophenyl-phenylether	16.49	248	14766	5.35	ng/ul	90
66) Hexachlorobenzene	16.60	284	14700	4.91	ng/ul#	82
69) Phenanthrene	17.34	178	65897m	5.26	ng/ul	
71) Anthracene	17.44	178	66835	5.22	ng/ul	95
73) Di-n-butylphthalate	18.26	149	66011	4.89	ng/ul#	95
77) Pyrene	19.72	202	87889	4.72	ng/ul	96
78) Butylbenzylphthalate	20.61	149	30407	4.38	ng/ul	96
80) Benzo(a)anthracene	21.46	228	94464	5.06	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.37	149	41116	4.27	ng/ul	99
82) Chrysene	21.51	228	91045	5.25	ng/ul	95
85) Benzo(b)fluoranthene	23.11	252	98302m	4.86	ng/ul	
86) Benzo(k)fluoranthene	23.16	252	90617	4.72	ng/ul	99
88) Benzo(a)pyrene	23.72	252	94992	5.12	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.24	276	113386	6.09	ng/ul#	89
90) Dibenzo(a,h)anthracene	26.26	278	94770	5.88	ng/ul	97
91) Benzo(g,h,i)perylene	26.98	276	92734	6.12	ng/ul	93

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

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