

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092917\
 Data File : BM011770.D
 Acq On : 29 Sep 2017 16:59
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02098

Manual Integrations
 APPROVED

Sohil
 10/2/2017 5:41:05 PM

Quant Time: Sep 30 00:43:41 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 29 23:43:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	220392	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	984488	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	547009	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	1172529	20.00	ng/ul	0.00
75) Chrysene-d12	21.48	240	985616	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	769591	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	38155	7.72	ng/uL	0.00
5) Phenol-d5	7.09	99	405910	18.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	309529	19.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	326094	20.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	319544	18.82	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	157765	20.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	172754	21.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	316608	20.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	390513	22.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	904041	19.27	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	1139223	20.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	141598	17.66	ng/ul	0.00
57) Fluorene-d10	15.56	176	782713	19.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	129817	16.34	ng/ul	0.00
70) Anthracene-d10	17.41	188	1163305	19.50	ng/ul	0.00
76) Pyrene-d10	19.70	212	1208950	25.70	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	736800	20.00	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.39	88	43186m	7.850	ng/uL
4) Benzaldehyde	7.08	77	253165	23.816	ng/ul
6) Phenol	7.12	94	406734	18.553	ng/ul
8) Bis(2-Chloroethyl)ether	7.35	93	323486	19.193	ng/ul#
10) 2-Chlorophenol	7.50	128	313026	19.893	ng/ul#
11) 2-Methylphenol	8.37	108	299367	18.595	ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.46	45	743401	20.592	ng/ul#
14) Acetophenone	8.76	105	520615	19.082	ng/ul#
15) N-Nitroso-di-n-propylamine	8.74	70	303215	19.690	ng/ul
16) 4-Methylphenol	8.70	108	333333	18.835	ng/ul
17) Hexachloroethane	9.02	117	144263	20.791	ng/ul#
20) Nitrobenzene	9.14	77	439466	20.792	ng/ul
21) Isophorone	9.66	82	776368	19.582	ng/ul#
23) 2-Nitrophenol	9.85	139	169967	19.931	ng/ul#
24) 2,4-Dimethylphenol	9.90	107	392269	20.206	ng/ul
25) Bis(2-Chloroethoxy)methane	10.15	93	447651	19.500	ng/ul
27) 2,4-Dichlorophenol	10.38	162	301038	20.249	ng/ul#
28) Naphthalene	10.79	128	1010597	19.640	ng/ul
30) 4-Chloroaniline	10.90	127	375750	22.480	ng/ul
31) Hexachlorobutadiene	11.07	225	214438	20.489	ng/ul
32) Caprolactam	11.67	113	83765	17.390	ng/ul
33) 4-Chloro-3-methylphenol	12.02	107	332025	19.727	ng/ul
34) 2-Methylnaphthalene	12.40	142	709301	19.445	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.76	216	384219	20.778	ng/ul#	94
37) Hexachlorocyclopentadiene	12.74	237	184873	15.555	ng/ul	98
38) 2,4,6-Trichlorophenol	13.00	196	246423	20.752	ng/ul	97
39) 2,4,5-Trichlorophenol	13.07	196	249494	20.295	ng/ul	98
40) 1,1'-Biphenyl	13.40	154	896233	19.893	ng/ul#	98
41) 2-Chloronaphthalene	13.45	162	702018	20.335	ng/ul	97
42) 2-Nitroaniline	13.65	65	271372	21.376	ng/ul#	79
44) Dimethylphthalate	14.02	163	860788	19.183	ng/ul	99
45) 2,6-Dinitrotoluene	14.15	165	166197	20.113	ng/ul#	87
47) Acenaphthylene	14.29	152	1123590	19.742	ng/ul	100
48) 3-Nitroaniline	14.47	138	159401	18.863	ng/ul#	97
49) Acenaphthene	14.63	153	761585	19.648	ng/ul	99
50) 2,4-Dinitrophenol	14.69	184	80717	14.881	ng/ul#	63
52) 4-Nitrophenol	14.77	109	147435	18.797	ng/ul	96
53) Dibenzofuran	14.97	168	1038604	19.509	ng/ul	95
54) 2,4-Dinitrotoluene	14.93	165	231395	19.625	ng/ul#	76
55) 2,3,4,6-Tetrachlorophenol	15.19	232	223509	19.710	ng/ul#	80
56) Diethylphthalate	15.38	149	896052	18.990	ng/ul	93
58) Fluorene	15.62	166	874041	19.389	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.60	204	449041	19.810	ng/ul	95
60) 4-Nitroaniline	15.63	138	175683	18.946	ng/ul#	88
63) 4,6-Dinitro-2-methylphenol	15.69	198	132503	16.430	ng/ul	92
64) N-Nitrosodiphenylamine	15.82	169	699097	20.171	ng/ul	98
65) 4-Bromophenyl-phenylether	16.50	248	258953	20.079	ng/ul#	91
66) Hexachlorobenzene	16.62	284	288469	20.130	ng/ul#	84
67) Atrazine	16.76	200	259577	19.317	ng/ul	96
68) Pentachlorophenol	16.96	266	167896	17.797	ng/ul	99
69) Phenanthrene	17.36	178	1270697	19.363	ng/ul	98
71) Anthracene	17.45	178	1330195	19.673	ng/ul	98
72) Carbazole	17.72	167	1072954	18.114	ng/ul	97
73) Di-n-butylphthalate	18.26	149	1499752	19.659	ng/ul	99
74) Fluoranthene	19.36	202	1404303	17.527	ng/ul#	90
77) Pyrene	19.73	202	1503139	25.592	ng/ul#	90
78) Butylbenzylphthalate	20.60	149	638903	26.025	ng/ul#	93
79) 3,3'-Dichlorobenzidine	21.39	252	305806	16.318	ng/ul#	92
80) Benzo(a)anthracene	21.46	228	1166777	21.160	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.37	149	924490	25.229	ng/ul#	94
82) Chrysene	21.52	228	1072659	20.625	ng/ul	98
84) Di-n-octyl phthalate	22.28	149	1455999	24.479	ng/ul#	81
85) Benzo(b)fluoranthene	23.12	252	920910	20.281	ng/ul#	97
86) Benzo(k)fluoranthene	23.17	252	926394m	19.999	ng/ul	
88) Benzo(a)pyrene	23.73	252	871991	19.883	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.26	276	962701	21.083	ng/ul#	92
90) Dibenzo(a,h)anthracene	26.27	278	806950	21.101	ng/ul#	94
91) Benzo(g,h,i)perylene	27.00	276	818697	21.601	ng/ul#	93

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

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