

Data Path : Z:\HPCHEM1\BNA M\DATA\BM043018\
 Data File : BM014858.D
 Acq On : 30 Apr 2018 09:44
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02005

Quant Time: May 01 02:25:11 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 27 01:05:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	349239	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	1448113	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	730013	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.82	188	1426349	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1320681	20.00	ng/ul	0.00
83) Perylene-d12	24.39	264	1321761	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.64	96	63439	7.93	ng/uL	0.00
5) Phenol-d5	7.62	99	575199	21.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.80	67	384060	22.18	ng/ul	0.00
9) 2-Chlorophenol-d4	8.02	132	471709	20.89	ng/ul	0.00
13) 4-Methylphenol-d8	9.20	113	458690	21.30	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	211340	20.18	ng/ul	0.00
22) 2-Nitrophenol-d4	10.41	143	216937	20.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	418924	19.78	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	558558	26.71	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	1102117	19.34	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	1427166	20.28	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	190112	17.98	ng/ul	0.00
57) Fluorene-d10	16.08	176	959753	19.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.18	200	145241	18.82	ng/ul	0.00
70) Anthracene-d10	17.92	188	1332698	20.05	ng/ul	0.00
76) Pyrene-d10	20.15	212	1310379	20.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.23	264	1285869	19.80	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.68	88	68453	8.134	ng/uL#	81
4) Benzaldehyde	7.62	77	364229	25.646	ng/ul	90
6) Phenol	7.65	94	568667	21.408	ng/ul#	82
8) Bis(2-Chloroethyl)ether	7.90	93	458900	21.604	ng/ul	88
10) 2-Chlorophenol	8.05	128	464691	20.892	ng/ul	93
11) 2-Methylphenol	8.93	108	414502	21.229	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	9.03	45	895772	22.812	ng/ul	97
14) Acetophenone	9.33	105	675369	21.407	ng/ul	88
15) N-Nitroso-di-n-propylamine	9.31	70	344321	21.030	ng/ul#	83
16) 4-Methylphenol	9.26	108	448424	21.343	ng/ul	96
17) Hexachloroethane	9.60	117	184143	20.240	ng/ul#	69
20) Nitrobenzene	9.72	77	524589	20.975	ng/ul	95
21) Isophorone	10.25	82	864741	20.217	ng/ul#	94
23) 2-Nitrophenol	10.44	139	237854	21.000	ng/ul#	78
24) 2,4-Dimethylphenol	10.48	107	492736	20.591	ng/ul#	85
25) Bis(2-Chloroethoxy)methane	10.72	93	583995	20.310	ng/ul	97
27) 2,4-Dichlorophenol	10.97	162	400840	19.817	ng/ul#	88
28) Naphthalene	11.39	128	1420356	20.128	ng/ul	100
30) 4-Chloroaniline	11.49	127	533716	26.295	ng/ul	94
31) Hexachlorobutadiene	11.66	225	246085	18.907	ng/ul	96
32) Caprolactam	12.25	113	101863	17.479	ng/ul#	69
33) 4-Chloro-3-methylphenol	12.57	107	412838	20.178	ng/ul	96
34) 2-Methylnaphthalene	12.96	142	968897	19.772	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

36) 1,2,4,5-Tetrachlorobenzene	13.32	216	450816	19.699	ng/ul#	95
37) Hexachlorocyclopentadiene	13.30	237	297708	18.883	ng/ul	100
38) 2,4,6-Trichlorophenol	13.55	196	286073	20.239	ng/ul	97
39) 2,4,5-Trichlorophenol	13.62	196	299182	19.817	ng/ul	98
40) 1,1'-Biphenyl	13.95	154	1208310	20.583	ng/ul#	98
41) 2-Chloronaphthalene	14.00	162	936516	20.543	ng/ul	97
42) 2-Nitroaniline	14.19	65	258604	21.436	ng/ul	96
44) Dimethylphthalate	14.54	163	1069464	19.414	ng/ul	99
45) 2,6-Dinitrotoluene	14.67	165	201531	19.946	ng/ul#	93
47) Acenaphthylene	14.83	152	1394537	20.455	ng/ul	99
48) 3-Nitroaniline	15.00	138	207888	20.910	ng/ul	89
49) Acenaphthene	15.17	153	980732	20.243	ng/ul	99
50) 2,4-Dinitrophenol	15.20	184	89174	15.896	ng/ul#	91
52) 4-Nitrophenol	15.27	109	147055	19.294	ng/ul#	86
53) Dibenzofuran	15.49	168	1323896	19.678	ng/ul	98
54) 2,4-Dinitrotoluene	15.44	165	284371	19.103	ng/ul	87
55) 2,3,4,6-Tetrachlorophenol	15.71	232	241993	18.891	ng/ul#	82
56) Diethylphthalate	15.88	149	1044153	18.830	ng/ul	94
58) Fluorene	16.13	166	1054896	19.418	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.12	204	518079	19.053	ng/ul	93
60) 4-Nitroaniline	16.14	138	205199	17.692	ng/ul#	83
63) 4,6-Dinitro-2-methylphenol	16.20	198	152560	19.023	ng/ul	92
64) N-Nitrosodiphenylamine	16.33	169	873821	21.125	ng/ul	100
65) 4-Bromophenyl-phenylether	17.00	248	304613	20.220	ng/ul	93
66) Hexachlorobenzene	17.13	284	354597	20.260	ng/ul#	92
67) Atrazine	17.25	200	273944	20.740	ng/ul#	93
68) Pentachlorophenol	17.46	266	184627	18.548	ng/ul	97
69) Phenanthrene	17.86	178	1549697	20.231	ng/ul	99
71) Anthracene	17.95	178	1575094	20.261	ng/ul	99
72) Carbazole	18.21	167	1324398	19.970	ng/ul	99
73) Di-n-butylphthalate	18.73	149	1541004	19.109	ng/ul#	98
74) Fluoranthene	19.82	202	1601304	19.174	ng/ul#	81
77) Pyrene	20.18	202	1646139	21.333	ng/ul#	79
78) Butylbenzylphthalate	21.02	149	651845	20.706	ng/ul#	91
79) 3,3'-Dichlorobenzidine	21.81	252	541974	21.510	ng/ul#	95
80) Benzo(a)anthracene	21.89	228	1565849	20.275	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.77	149	929504	20.115	ng/ul#	96
82) Chrysene	21.94	228	1461764	20.218	ng/ul	99
84) Di-n-octyl phthalate	22.72	149	1544114	20.311	ng/ul#	91
85) Benzo(b)fluoranthene	23.63	252	1540894	19.776	ng/ul#	96
86) Benzo(k)fluoranthene	23.67	252	1522816	20.325	ng/ul#	96
88) Benzo(a)pyrene	24.28	252	1463985	19.807	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.96	276	1773032	19.830	ng/ul#	89
90) Dibenzo(a,h)anthracene	26.96	278	1486407	19.744	ng/ul#	93
91) Benzo(g,h,i)perylene	27.75	276	1454835	19.778	ng/ul#	91

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

