

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041918\
 Data File : BM014729.D
 Acq On : 19 Apr 2018 10:54
 Operator : SJ/JU
 Sample : SSTD01082
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD01082

Quant Time: Apr 19 12:18:54 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 19 12:08:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	302632	20.00	ng/ul	0.00
18) Naphthalene-d8	11.39	136	1233116	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.15	164	657892	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	1410923	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1506768	20.00	ng/ul	0.00
83) Perylene-d12	24.44	264	1518985	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.68	96	24875	3.52	ng/uL	0.00
5) Phenol-d5	7.67	99	202893	7.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.85	67	138117	8.92	ng/ul	0.00
9) 2-Chlorophenol-d4	8.06	132	170565	8.70	ng/ul	0.00
13) 4-Methylphenol-d8	9.25	113	162662	7.27	ng/ul	0.00
19) Nitrobenzene-d5	9.73	128	76523	8.40	ng/ul	0.00
22) 2-Nitrophenol-d4	10.46	143	71424	7.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.00	165	154557	7.91	ng/ul	0.00
29) 4-Chloroaniline-d4	11.52	131	173840	9.03	ng/ul	0.00
43) Dimethylphthalate-d6	14.53	166	454769	8.37	ng/ul	0.00
46) Acenaphthylene-d8	14.85	160	548010	8.18	ng/ul	0.00
51) 4-Nitrophenol-d4	15.30	143	75461	10.06	ng/ul	0.00
57) Fluorene-d10	16.12	176	395104	8.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.22	200	50652	5.98	ng/ul	0.00
70) Anthracene-d10	17.96	188	581403	8.54	ng/ul	0.00
76) Pyrene-d10	20.19	212	620851	7.99	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.28	264	645147	8.73	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.72	88	25995	3.309	ng/uL# 87
4) Benzaldehyde	7.66	77	133176	12.771	ng/ul 90
6) Phenol	7.69	94	205805	7.668	ng/ul# 82
8) Bis(2-Chloroethyl)ether	7.95	93	168671	8.661	ng/ul 89
10) 2-Chlorophenol	8.10	128	170370	8.508	ng/ul 96
11) 2-Methylphenol	8.98	108	146392	7.131	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	9.08	45	317725	16.167	ng/ul 96
14) Acetophenone	9.38	105	251453	6.512	ng/ul 87
15) N-Nitroso-di-n-propylamine	9.35	70	123777	6.397	ng/ul# 82
16) 4-Methylphenol	9.31	108	161750	7.230	ng/ul 98
17) Hexachloroethane	9.66	117	69626	6.674	ng/ul# 70
20) Nitrobenzene	9.77	77	184137	6.832	ng/ul 95
21) Isophorone	10.30	82	309562	6.715	ng/ul# 92
23) 2-Nitrophenol	10.49	139	79179	7.751	ng/ul# 74
24) 2,4-Dimethylphenol	10.53	107	178681	7.134	ng/ul# 86
25) Bis(2-Chloroethoxy)methane	10.77	93	218675	9.006	ng/ul 96
27) 2,4-Dichlorophenol	11.02	162	148775	8.027	ng/ul# 89
28) Naphthalene	11.45	128	536565	8.472	ng/ul 99
30) 4-Chloroaniline	11.54	127	168876	8.604	ng/ul 94
31) Hexachlorobutadiene	11.72	225	97528	6.632	ng/ul 95
32) Caprolactam	12.28	113	37284	6.280	ng/ul# 66
33) 4-Chloro-3-methylphenol	12.62	107	148040	6.610	ng/ul 93
34) 2-Methylnaphthalene	13.01	142	369347	7.662	ng/ul 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.37	216	182603	8.647	ng/ul#	96
37) Hexachlorocyclopentadiene	13.35	237	115246	10.028	ng/ul	96
38) 2,4,6-Trichlorophenol	13.60	196	107817	8.183	ng/ul	100
39) 2,4,5-Trichlorophenol	13.66	196	114941	8.537	ng/ul	99
40) 1,1'-Biphenyl	13.99	154	473638	9.346	ng/ul#	98
41) 2-Chloronaphthalene	14.05	162	366218	9.046	ng/ul	99
42) 2-Nitroaniline	14.23	65	87270	6.371	ng/ul	95
44) Dimethylphthalate	14.58	163	443601	8.280	ng/ul	99
45) 2,6-Dinitrotoluene	14.71	165	72128	7.086	ng/ul#	91
47) Acenaphthylene	14.87	152	544808	8.604	ng/ul	99
48) 3-Nitroaniline	15.04	138	73113	8.475	ng/ul	84
49) Acenaphthene	15.21	153	388758	8.719	ng/ul	98
50) 2,4-Dinitrophenol	15.23	184	32995	6.027	ng/ul#	62
52) 4-Nitrophenol	15.32	109	57598	5.857	ng/ul#	79
53) Dibenzofuran	15.54	168	545920	8.166	ng/ul	99
54) 2,4-Dinitrotoluene	15.48	165	108592	6.659	ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	15.75	232	96931	7.119	ng/ul#	84
56) Diethylphthalate	15.92	149	442870	7.418	ng/ul	94
58) Fluorene	16.17	166	436388	7.561	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.16	204	218639	7.242	ng/ul	93
60) 4-Nitroaniline	16.18	138	84813	8.766	ng/ul#	80
63) 4,6-Dinitro-2-methylphenol	16.23	198	53976	6.266	ng/ul#	92
64) N-Nitrosodiphenylamine	16.37	169	364189	8.982	ng/ul	99
65) 4-Bromophenyl-phenylether	17.05	248	130221	8.271	ng/ul	94
66) Hexachlorobenzene	17.17	284	154895	9.356	ng/ul#	93
67) Atrazine	17.29	200	118136	7.378	ng/ul#	92
68) Pentachlorophenol	17.50	266	75139	8.661	ng/ul	93
69) Phenanthrene	17.90	178	680690	8.373	ng/ul	99
71) Anthracene	17.99	178	684570	8.374	ng/ul	99
72) Carbazole	18.25	167	586510	8.532	ng/ul	99
73) Di-n-butylphthalate	18.77	149	684556	7.719	ng/ul#	97
74) Fluoranthene	19.86	202	747234	7.694	ng/ul#	84
77) Pyrene	20.22	202	781201	7.801	ng/ul#	80
78) Butylbenzylphthalate	21.06	149	297534	7.186	ng/ul#	93
79) 3,3'-Dichlorobenzidine	21.84	252	226968	8.568	ng/ul#	97
80) Benzo(a)anthracene	21.93	228	776708	8.260	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.81	149	436605	7.363	ng/ul#	94
82) Chrysene	21.98	228	729241	8.313	ng/ul	99
84) Di-n-octyl phthalate	22.76	149	712679	5.468	ng/ul#	91
85) Benzo(b)fluoranthene	23.67	252	792914	7.796	ng/ul#	96
86) Benzo(k)fluoranthene	23.73	252	738514	7.637	ng/ul#	95
88) Benzo(a)pyrene	24.33	252	740052	8.143	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	27.03	276	890977	10.102	ng/ul#	89
90) Dibenzo(a,h)anthracene	27.04	278	746500	10.187	ng/ul#	93
91) Benzo(g,h,i)perylene	27.83	276	737029	10.316	ng/ul#	90

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

