

Data Path : Z:\HPCHEM1\BNA_M\Data\BM092717\
 Data File : BM011724.D
 Acq On : 27 Sep 2017 15:39
 Operator : SJ/JU
 Sample : SSTD02041
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02041

Quant Time: Sep 27 16:19:44 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 27 16:19:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	182098	20.00	ng/ul	0.00
18) Naphthalene-d8	10.75	136	820994	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	474364	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	1091963	20.00	ng/ul	0.00
75) Chrysene-d12	21.48	240	1292429	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	1259200	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	33395	10.51	ng/uL	0.00
5) Phenol-d5	7.09	99	340824	19.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	252938	25.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.47	132	268082	22.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	269449	18.73	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	129880	22.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	135933	20.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	258569	18.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.88	131	331617	22.15	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	816153	19.60	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	992056	20.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	129745	17.70	ng/ul	0.00
57) Fluorene-d10	15.56	176	693343	19.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	130171	19.41	ng/ul	0.00
70) Anthracene-d10	17.42	188	1081516	20.51	ng/ul	0.00
76) Pyrene-d10	19.70	212	1241964	20.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	1175367	19.31	ng/ul	0.00

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.39	88	37216	10.483	ng/uL#	1
4) Benzaldehyde	7.08	77	205526	20.131	ng/ul	96
6) Phenol	7.12	94	345537	19.339	ng/ul	89
8) Bis(2-Chloroethyl)ether	7.36	93	271101	20.842	ng/ul#	73
10) 2-Chlorophenol	7.50	128	262277	21.562	ng/ul#	84
11) 2-Methylphenol	8.37	108	256285	18.819	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.47	45	591951	65.191	ng/ul	97
14) Acetophenone	8.76	105	435657	18.552	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.74	70	257899	20.381	ng/ul	95
16) 4-Methylphenol	8.70	108	282212	18.835	ng/ul	95
17) Hexachloroethane	9.02	117	114554	21.179	ng/ul#	63
20) Nitrobenzene	9.15	77	348410	20.386	ng/ul	98
21) Isophorone	9.67	82	662882	19.514	ng/ul#	97
23) 2-Nitrophenol	9.86	139	144179	20.144	ng/ul#	89
24) 2,4-Dimethylphenol	9.90	107	325849	17.899	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.15	93	385605	20.471	ng/ul	95
27) 2,4-Dichlorophenol	10.39	162	252412	18.253	ng/ul#	89
28) Naphthalene	10.79	128	859265	21.031	ng/ul	100
30) 4-Chloroaniline	10.90	127	316666	21.034	ng/ul	95
31) Hexachlorobutadiene	11.07	225	171006	16.397	ng/ul	96
32) Caprolactam	11.67	113	76855	15.836	ng/ul	99
33) 4-Chloro-3-methylphenol	12.02	107	282184	15.999	ng/ul	98
34) 2-Methylnaphthalene	12.40	142	602094	18.333	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.77	216	321245	19.188	ng/ul#	97
37) Hexachlorocyclopentadiene	12.75	237	186478	19.376	ng/ul	94
38) 2,4,6-Trichlorophenol	13.00	196	204837	17.917	ng/ul	95
39) 2,4,5-Trichlorophenol	13.07	196	215429	18.249	ng/ul	97
40) 1,1'-Biphenyl	13.40	154	780046	21.033	ng/ul#	97
41) 2-Chloronaphthalene	13.45	162	597850	20.487	ng/ul	97
42) 2-Nitroaniline	13.66	65	224555	26.304	ng/ul	87
44) Dimethylphthalate	14.02	163	783559	19.196	ng/ul	99
45) 2,6-Dinitrotoluene	14.14	165	144701	20.466	ng/ul#	84
47) Acenaphthylene	14.30	152	982243	21.291	ng/ul	99
48) 3-Nitroaniline	14.48	138	142101	19.928	ng/ul	97
49) Acenaphthene	14.64	153	671615	21.581	ng/ul	97
50) 2,4-Dinitrophenol	14.69	184	81686	15.952	ng/ul#	68
52) 4-Nitrophenol	14.77	109	128077	13.775	ng/ul	98
53) Dibenzofuran	14.97	168	924283	19.611	ng/ul	96
54) 2,4-Dinitrotoluene	14.93	165	209959	19.141	ng/ul#	81
55) 2,3,4,6-Tetrachlorophenol	15.19	232	198242	16.599	ng/ul#	79
56) Diethylphthalate	15.38	149	817949	19.046	ng/ul	94
58) Fluorene	15.62	166	772117	19.567	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.61	204	382547	17.838	ng/ul	93
60) 4-Nitroaniline	15.64	138	140192	16.646	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.69	198	132898	18.597	ng/ul	94
64) N-Nitrosodiphenylamine	15.82	169	635986	21.001	ng/ul	97
65) 4-Bromophenyl-phenylether	16.50	248	231859	18.545	ng/ul	93
66) Hexachlorobenzene	16.62	284	260380	19.775	ng/ul#	89
67) Atrazine	16.77	200	232912	18.256	ng/ul	95
68) Pentachlorophenol	16.96	266	154955	16.692	ng/ul	97
69) Phenanthrene	17.36	178	1187153	20.450	ng/ul	97
71) Anthracene	17.45	178	1237004	20.683	ng/ul	98
72) Carbazole	17.72	167	1045631	20.039	ng/ul	98
73) Di-n-butylphthalate	18.27	149	1407657	21.216	ng/ul	99
74) Fluoranthene	19.36	202	1428401	19.092	ng/ul#	88
77) Pyrene	19.73	202	1553633	20.812	ng/ul#	87
78) Butylbenzylphthalate	20.61	149	661956	23.588	ng/ul#	94
79) 3,3'-Dichlorobenzidine	21.40	252	490680	18.978	ng/ul#	94
80) Benzo(a)anthracene	21.47	228	1475315	19.602	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.37	149	983482	22.969	ng/ul#	92
82) Chrysene	21.52	228	1395008	20.789	ng/ul	98
84) Di-n-octyl phthalate	22.29	149	1718508	19.531	ng/ul#	84
85) Benzo(b)fluoranthene	23.13	252	1474367	18.038	ng/ul#	97
86) Benzo(k)fluoranthene	23.17	252	1363985	17.602	ng/ul#	97
88) Benzo(a)pyrene	23.74	252	1382498	18.372	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.27	276	1519065	19.464	ng/ul#	90
90) Dibenzo(a,h)anthracene	26.27	278	1280124	19.682	ng/ul#	93
91) Benzo(g,h,i)perylene	27.01	276	1295477	20.852	ng/ul#	91

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

