

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090816\
 Data File : BM007466.D
 Acq On : 08 Sep 2016 22:16
 Operator : UM/SJ
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 SSTD02051

Manual Integrations
 APPROVED

Sohil
 9/9/2016 8:35:28 AM

Quant Time: Sep 09 04:06:33 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 09 03:02:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	228579	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	1083297	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	731555	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1906087	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	2573736	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	2776333	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	38230	8.55	ng/uL	0.00
5) Phenol-d5	6.96	99	429906	19.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	238779	21.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	324385	20.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	368157	19.55	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	170112	21.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	202695	21.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	385482	20.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	494826	21.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1307731	20.72	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1544175	21.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	239386	20.09	ng/ul	0.00
57) Fluorene-d10	15.42	176	1128459	20.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	256041	21.36	ng/ul	0.00
70) Anthracene-d10	17.26	188	1875244	21.06	ng/ul	0.00
76) Pyrene-d10	19.56	212	2322738	21.58	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	2676205	20.93	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.34	88	42057	8.43 ng/uL	99
4) Benzaldehyde	6.94	77	272113	22.12 ng/ul	98
6) Phenol	6.99	94	443205	19.79 ng/ul	97
8) Bis(2-Chloroethyl)ether	7.22	93	325785	20.88 ng/ul	97
10) 2-Chlorophenol	7.36	128	332652	20.36 ng/ul	97
11) 2-Methylphenol	8.23	108	347383	19.84 ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.32	45	372701	21.23 ng/ul	98
14) Acetophenone	8.61	105	576007	19.94 ng/ul	97
15) N-Nitroso-di-n-propylamine	8.59	70	305901	19.93 ng/ul	95
16) 4-Methylphenol	8.56	108	390192	19.87 ng/ul	95
17) Hexachloroethane	8.86	117	135170	21.27 ng/ul	96
20) Nitrobenzene	8.99	77	436210	21.35 ng/ul	99
21) Isophorone	9.50	82	853525	20.51 ng/ul	99
23) 2-Nitrophenol	9.69	139	218266	21.62 ng/ul	95
24) 2,4-Dimethylphenol	9.75	107	467053	20.97 ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.99	93	482783	20.59 ng/ul	98
27) 2,4-Dichlorophenol	10.23	162	381670	20.78 ng/ul	98
28) Naphthalene	10.62	128	1128026	20.94 ng/ul	100
30) 4-Chloroaniline	10.74	127	507429	21.37 ng/ul	100
31) Hexachlorobutadiene	10.90	225	261802	21.10 ng/ul	98
32) Caprolactam	11.50	113	144041m	19.47 ng/ul	
33) 4-Chloro-3-methylphenol	11.86	107	459966	20.23 ng/ul	96
34) 2-Methylnaphthalene	12.23	142	899818	20.41 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.60	216	538126	22.09	ng/ul	97
37) Hexachlorocyclopentadiene	12.58	237	271986	18.51	ng/ul	99
38) 2,4,6-Trichlorophenol	12.85	196	361555	20.98	ng/ul	98
39) 2,4,5-Trichlorophenol	12.93	196	377020	20.99	ng/ul	98
40) 1,1'-Biphenyl	13.25	154	1209572	21.32	ng/ul	98
41) 2-Chloronaphthalene	13.29	162	942543	21.19	ng/ul	98
42) 2-Nitroaniline	13.50	65	315554	21.72	ng/ul	99
44) Dimethylphthalate	13.88	163	1288855	20.50	ng/ul	99
45) 2,6-Dinitrotoluene	14.00	165	277627	21.61	ng/ul	93
47) Acenaphthylene	14.15	152	1594073	21.18	ng/ul	99
48) 3-Nitroaniline	14.33	138	287067	21.89	ng/ul	99
49) Acenaphthene	14.49	153	1029906	21.03	ng/ul	98
50) 2,4-Dinitrophenol	14.55	184	165285	18.97	ng/ul	88
52) 4-Nitrophenol	14.65	109	246661	19.46	ng/ul	89
53) Dibenzofuran	14.82	168	1538687	20.99	ng/ul	98
54) 2,4-Dinitrotoluene	14.79	165	420363	21.34	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.05	232	378866	20.56	ng/ul	97
56) Diethylphthalate	15.25	149	1340758	20.45	ng/ul	99
58) Fluorene	15.47	166	1248949	20.69	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.46	204	650317	20.61	ng/ul	97
60) 4-Nitroaniline	15.50	138	309776	20.81	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.56	198	271555	21.23	ng/ul	99
64) N-Nitrosodiphenylamine	15.68	169	1143524	21.49	ng/ul	99
65) 4-Bromophenyl-phenylether	16.36	248	457998	21.28	ng/ul	98
66) Hexachlorobenzene	16.47	284	500027	20.75	ng/ul	95
67) Atrazine	16.63	200	477056	21.23	ng/ul	99
68) Pentachlorophenol	16.82	266	293291	18.86	ng/ul	99
69) Phenanthrene	17.21	178	2152386	21.04	ng/ul	100
71) Anthracene	17.30	178	2240611	21.21	ng/ul	99
72) Carbazole	17.57	167	1998805	21.77	ng/ul	99
73) Di-n-butylphthalate	18.13	149	2414324	20.90	ng/ul	99
74) Fluoranthene	19.22	202	2851725	22.21	ng/ul	99
77) Pyrene	19.59	202	2982463	21.60	ng/ul	100
78) Butylbenzylphthalate	20.48	149	1220754	21.25	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.27	252	1125637	22.03	ng/ul	100
80) Benzo(a)anthracene	21.33	228	3222126	21.24	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.26	149	1764583	21.18	ng/ul	99
82) Chrysene	21.39	228	2895169	21.07	ng/ul	99
84) Di-n-octyl phthalate	22.14	149	3198133	23.13	ng/ul	100
85) Benzo(b)fluoranthene	22.93	252	3436265	20.93	ng/ul	99
86) Benzo(k)fluoranthene	22.98	252	3271275	21.56	ng/ul	100
88) Benzo(a)pyrene	23.52	252	3295335	20.98	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.92	276	3775678	19.59	ng/ul	99
90) Dibenzo(a,h)anthracene	25.92	278	3148270	19.63	ng/ul	99
91) Benzo(g,h,i)perylene	26.62	276	3135132	19.15	ng/ul	97

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

