

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080516\
 Data File : BM006919.D
 Acq On : 06 Aug 2016 02:42
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02059

Manual Integrations
 APPROVED

sohil
 8/8/2016 7:02:23 PM

Quant Time: Aug 06 04:12:38 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 06 00:33:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	133068	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	544364	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	337578	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	782930	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	896496	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	849744	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	23678	9.78	ng/uL	0.00
5) Phenol-d5	6.78	99	206908	21.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	138018	21.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	163055	21.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	162203	20.36	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	79389	21.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	87878	19.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	172282	18.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	208351	22.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	556624	20.02	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	674211	19.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	111596m	18.30	ng/ul	0.00
57) Fluorene-d10	15.22	176	476464	18.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	83328	16.31	ng/ul	0.00
70) Anthracene-d10	17.07	188	741744	19.73	ng/ul	0.00
76) Pyrene-d10	19.37	212	840177	18.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	804970	19.45	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.13	88	24679	9.17 ng/uL#	81
4) Benzaldehyde	6.73	77	158462m	24.07 ng/ul	
6) Phenol	6.80	94	219650	21.17 ng/ul	86
8) Bis(2-Chloroethyl)ether	7.00	93	167451	22.60 ng/ul	97
10) 2-Chlorophenol	7.14	128	167971	21.54 ng/ul	98
11) 2-Methylphenol	8.03	108	170426	21.22 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.09	45	329872	20.16 ng/ul	97
14) Acetophenone	8.39	105	288451	20.39 ng/ul#	87
15) N-Nitroso-di-n-propylamine	8.36	70	161098	23.01 ng/ul#	87
16) 4-Methylphenol	8.37	108	188369	21.52 ng/ul	92
17) Hexachloroethane	8.61	117	83942	20.66 ng/ul#	78
20) Nitrobenzene	8.76	77	247446	21.08 ng/ul	95
21) Isophorone	9.27	82	407679	21.97 ng/ul	98
23) 2-Nitrophenol	9.47	139	100190m	21.63 ng/ul	
24) 2,4-Dimethylphenol	9.55	107	229320	20.01 ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.76	93	227195	22.58 ng/ul	100
27) 2,4-Dichlorophenol	10.02	162	169839	19.49 ng/ul#	92
28) Naphthalene	10.38	128	563286	20.83 ng/ul	98
30) 4-Chloroaniline	10.53	127	210665	22.06 ng/ul	99
31) Hexachlorobutadiene	10.65	225	135991	16.57 ng/ul	96
32) Caprolactam	11.33	113	49106m	19.95 ng/ul	
33) 4-Chloro-3-methylphenol	11.68	107	185213	19.13 ng/ul	97
34) 2-Methylnaphthalene	12.00	142	420420	19.28 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.38	216	240593	18.08	ng/ul	95
37) Hexachlorocyclopentadiene	12.35	237	91354	12.37	ng/ul#	92
38) 2,4,6-Trichlorophenol	12.65	196	150080	18.43	ng/ul	97
39) 2,4,5-Trichlorophenol	12.74	196	154987m	19.79	ng/ul	
40) 1,1'-Biphenyl	13.03	154	560735	20.36	ng/ul	98
41) 2-Chloronaphthalene	13.08	162	426839	19.76	ng/ul	99
42) 2-Nitroaniline	13.33	65	162677	20.57	ng/ul	96
44) Dimethylphthalate	13.68	163	548811	19.86	ng/ul	98
45) 2,6-Dinitrotoluene	13.82	165	107678	20.05	ng/ul	94
47) Acenaphthylene	13.93	152	703203	20.43	ng/ul	95
48) 3-Nitroaniline	14.17	138	101745m	22.38	ng/ul	
49) Acenaphthene	14.27	153	456248	20.29	ng/ul	98
50) 2,4-Dinitrophenol	14.39	184	48031m	14.47	ng/ul	
52) 4-Nitrophenol	14.53	109	113960	13.88	ng/ul	91
53) Dibenzofuran	14.62	168	670088	19.23	ng/ul	99
54) 2,4-Dinitrotoluene	14.62	165	165261	19.38	ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	14.86	232	144602	17.31	ng/ul#	89
56) Diethylphthalate	15.05	149	585383	20.37	ng/ul	97
58) Fluorene	15.27	166	550522	18.78	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.27	204	288378	17.53	ng/ul	98
60) 4-Nitroaniline	15.34	138	101322	21.36	ng/ul#	65
63) 4,6-Dinitro-2-methylphenol	15.39	198	86008	16.28	ng/ul	99
64) N-Nitrosodiphenylamine	15.49	169	467238	20.84	ng/ul	98
65) 4-Bromophenyl-phenylether	16.16	248	183352	19.09	ng/ul	93
66) Hexachlorobenzene	16.27	284	202512	19.42	ng/ul	94
67) Atrazine	16.45	200	176003	18.35	ng/ul	94
68) Pentachlorophenol	16.64	266	87761	15.23	ng/ul	94
69) Phenanthrene	17.02	178	871939	20.19	ng/ul	99
71) Anthracene	17.10	178	908509	20.38	ng/ul	98
72) Carbazole	17.39	167	760243	20.02	ng/ul	99
73) Di-n-butylphthalate	17.94	149	920773	22.37	ng/ul	98
74) Fluoranthene	19.04	202	1029742	18.61	ng/ul#	94
77) Pyrene	19.40	202	1099533	18.65	ng/ul#	94
78) Butylbenzylphthalate	20.31	149	414749	20.43	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.10	252	326486	19.86	ng/ul	97
80) Benzo(a)anthracene	21.16	228	1060781	19.42	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.09	149	582242	20.91	ng/ul	96
82) Chrysene	21.22	228	949876	19.79	ng/ul	97
84) Di-n-octyl phthalate	21.94	149	999258	19.14	ng/ul#	91
85) Benzo(b)fluoranthene	22.71	252	1044683	19.51	ng/ul#	99
86) Benzo(k)fluoranthene	22.76	252	1014109	19.41	ng/ul#	99
88) Benzo(a)pyrene	23.27	252	1012592	19.91	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.54	276	1189171	19.66	ng/ul#	97
90) Dibenzo(a,h)anthracene	25.54	278	1009629	19.36	ng/ul#	95
91) Benzo(g,h,i)perylene	26.21	276	958464	19.58	ng/ul#	96

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

