

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092316\
 Data File : BM007556.D
 Acq On : 24 Sep 2016 10:48
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02051

Manual Integrations
 APPROVED

sohil
 9/26/2016 6:35:39 PM

Quant Time: Sep 26 03:30:13 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 24 04:39:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	178050	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	843720	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	678890	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1539239	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	2065861	20.00	ng/ul	0.00
83) Perylene-d12	23.60	264	2027969	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	30437	8.40	ng/uL	0.00
5) Phenol-d5	6.95	99	314073	19.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	176841	20.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	236313	20.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	274782	20.37	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	126253	20.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	147125	21.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	296001	21.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	307463	21.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1030013	20.86	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1186457	20.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	173832	19.94	ng/ul	0.00
57) Fluorene-d10	15.40	176	888687	20.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	186059	19.81	ng/ul	0.00
70) Anthracene-d10	17.26	188	1460088	20.64	ng/ul	0.00
76) Pyrene-d10	19.55	212	1814994	22.14	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	1863886	20.77	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.34	88	29621	7.80 ng/ul	97
4) Benzaldehyde	6.93	77	220283	20.78 ng/ul	100
6) Phenol	6.98	94	321680	20.06 ng/ul	98
8) Bis(2-Chloroethyl)ether	7.21	93	238963	20.81 ng/ul	99
10) 2-Chlorophenol	7.35	128	240071	20.86 ng/ul	99
11) 2-Methylphenol	8.22	108	250501	20.27 ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.31	45	262533	21.01 ng/ul	97
14) Acetophenone	8.60	105	425596	20.72 ng/ul	98
15) N-Nitroso-di-n-propylamine	8.59	70	229997	22.05 ng/ul	92
16) 4-Methylphenol	8.55	108	283233	20.48 ng/ul	97
17) Hexachloroethane	8.85	117	96295	20.45 ng/ul	97
20) Nitrobenzene	8.98	77	325180	21.04 ng/ul	97
21) Isophorone	9.50	82	637783	21.57 ng/ul	99
23) 2-Nitrophenol	9.69	139	151696	21.27 ng/ul	94
24) 2,4-Dimethylphenol	9.75	107	347004	21.04 ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.98	93	356998	21.16 ng/ul	100
27) 2,4-Dichlorophenol	10.22	162	284485	21.14 ng/ul	97
28) Naphthalene	10.61	128	834299	20.47 ng/ul	99
30) 4-Chloroaniline	10.73	127	315041	21.00 ng/ul	96
31) Hexachlorobutadiene	10.89	225	200310	20.38 ng/ul	99
32) Caprolactam	11.50	113	101402m	20.59 ng/ul	
33) 4-Chloro-3-methylphenol	11.86	107	353915	21.61 ng/ul	92
34) 2-Methylnaphthalene	12.22	142	664899	20.79 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	408287	20.40	ng/ul	97
37) Hexachlorocyclopentadiene	12.57	237	201064	18.70	ng/ul	98
38) 2,4,6-Trichlorophenol	12.84	196	269246	21.08	ng/ul	98
39) 2,4,5-Trichlorophenol	12.92	196	291031	20.82	ng/ul	97
40) 1,1'-Biphenyl	13.24	154	930287	20.63	ng/ul	97
41) 2-Chloronaphthalene	13.29	162	715167	20.39	ng/ul	99
42) 2-Nitroaniline	13.50	65	233172	21.63	ng/ul	97
44) Dimethylphthalate	13.87	163	989395	20.66	ng/ul	99
45) 2,6-Dinitrotoluene	14.00	165	203772	21.45	ng/ul	97
47) Acenaphthylene	14.13	152	1179457	20.73	ng/ul	99
48) 3-Nitroaniline	14.33	138	199697	20.68	ng/ul	97
49) Acenaphthene	14.47	153	802467	20.51	ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	114657	18.07	ng/ul	89
52) 4-Nitrophenol	14.64	109	178807	19.71	ng/ul	89
53) Dibenzofuran	14.81	168	1180950	20.46	ng/ul	96
54) 2,4-Dinitrotoluene	14.79	165	314290	21.45	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.04	232	289301	20.92	ng/ul	95
56) Diethylphthalate	15.23	149	1029169	21.06	ng/ul	99
58) Fluorene	15.46	166	963061	20.22	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.46	204	514650	20.53	ng/ul	98
60) 4-Nitroaniline	15.49	138	216808	20.42	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.55	198	191849	19.89	ng/ul	97
64) N-Nitrosodiphenylamine	15.67	169	874255	21.02	ng/ul	99
65) 4-Bromophenyl-phenylether	16.35	248	351710	20.97	ng/ul	98
66) Hexachlorobenzene	16.46	284	393813	20.84	ng/ul	95
67) Atrazine	16.62	200	360953	20.85	ng/ul	98
68) Pentachlorophenol	16.81	266	241519	20.41	ng/ul	100
69) Phenanthrene	17.20	178	1666146	20.44	ng/ul	99
71) Anthracene	17.29	178	1699346	20.54	ng/ul	99
72) Carbazole	17.56	167	1522650	20.71	ng/ul	99
73) Di-n-butylphthalate	18.12	149	1795822	21.59	ng/ul	99
74) Fluoranthene	19.22	202	2156708	20.98	ng/ul	98
77) Pyrene	19.58	202	2225545	21.96	ng/ul	97
78) Butylbenzylphthalate	20.47	149	896851	23.05	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.26	252	793362	20.90	ng/ul	99
80) Benzo(a)anthracene	21.32	228	2373362	21.02	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.24	149	1302384	23.22	ng/ul	99
82) Chrysene	21.37	228	2242418	20.80	ng/ul	99
84) Di-n-octyl phthalate	22.13	149	2318799	23.67	ng/ul	100
85) Benzo(b)fluoranthene	22.92	252	2468619	21.70	ng/ul	99
86) Benzo(k)fluoranthene	22.97	252	2234076	20.41	ng/ul	99
88) Benzo(a)pyrene	23.50	252	2256292	20.66	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.89	276	2382109	19.75	ng/ul	99
90) Dibenzo(a,h)anthracene	25.90	278	1970398	19.84	ng/ul	98
91) Benzo(g,h,i)perylene	26.59	276	1979484	19.57	ng/ul	97

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

