

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090916\
 Data File : BM007468.D
 Acq On : 09 Sep 2016 13:10
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD2052

Manual Integrations
 APPROVED

SOHIL
 9/9/2016 7:10:34 PM

Quant Time: Sep 09 16:52:38 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	232718	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	1103322	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	752637	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1959351	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	2664368	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	2833165	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	41349	9.08	ng/uL	0.00
5) Phenol-d5	6.96	99	437128	19.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	242569	21.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	332769	20.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	372947	19.45	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	176237	21.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	205459	21.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	390805	20.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	502732	21.40	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1340695	20.65	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1570795	20.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	237766	19.40	ng/ul	0.00
57) Fluorene-d10	15.42	176	1154481	20.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	258712	21.00	ng/ul	0.00
70) Anthracene-d10	17.26	188	1912162	20.89	ng/ul	0.00
76) Pyrene-d10	19.56	212	2374808	21.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	2742463	21.02	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.34	88	42676	8.40	ng/uL	95
4) Benzaldehyde	6.94	77	273308	21.82	ng/ul	98
6) Phenol	6.99	94	455191	19.96	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.22	93	328494	20.68	ng/ul	97
10) 2-Chlorophenol	7.36	128	345591	20.77	ng/ul	99
11) 2-Methylphenol	8.23	108	352610	19.78	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.32	45	375666	21.02	ng/ul	98
14) Acetophenone	8.61	105	587460	19.98	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.59	70	310796	19.89	ng/ul	94
16) 4-Methylphenol	8.56	108	394490	19.73	ng/ul	98
17) Hexachloroethane	8.86	117	137214	21.20	ng/ul	94
20) Nitrobenzene	8.99	77	448248	21.54	ng/ul	98
21) Isophorone	9.50	82	871852	20.57	ng/ul	99
23) 2-Nitrophenol	9.69	139	219585	21.36	ng/ul	95
24) 2,4-Dimethylphenol	9.75	107	479630	21.15	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.99	93	496496	20.79	ng/ul	100
27) 2,4-Dichlorophenol	10.23	162	389834	20.84	ng/ul	98
28) Naphthalene	10.62	128	1152888	21.01	ng/ul	99
30) 4-Chloroaniline	10.74	127	514040	21.26	ng/ul	99
31) Hexachlorobutadiene	10.90	225	268938	21.28	ng/ul	97
32) Caprolactam	11.50	113	143504m	19.05	ng/ul	
33) 4-Chloro-3-methylphenol	11.86	107	473243	20.44	ng/ul	96
34) 2-Methylnaphthalene	12.23	142	929451	20.70	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.60	216	541178	21.59	ng/ul	99
37) Hexachlorocyclopentadiene	12.58	237	273755	18.11	ng/ul	98
38) 2,4,6-Trichlorophenol	12.85	196	365678	20.63	ng/ul	99
39) 2,4,5-Trichlorophenol	12.93	196	378858	20.50	ng/ul	98
40) 1,1'-Biphenyl	13.25	154	1239763	21.24	ng/ul	98
41) 2-Chloronaphthalene	13.29	162	962569	21.03	ng/ul	98
42) 2-Nitroaniline	13.50	65	324916	21.74	ng/ul	98
44) Dimethylphthalate	13.88	163	1320044	20.41	ng/ul	99
45) 2,6-Dinitrotoluene	14.00	165	285057	21.56	ng/ul	95
47) Acenaphthylene	14.15	152	1631267	21.06	ng/ul	99
48) 3-Nitroaniline	14.33	138	289730	21.47	ng/ul	98
49) Acenaphthene	14.49	153	1061767	21.07	ng/ul	98
50) 2,4-Dinitrophenol	14.54	184	166801	18.61	ng/ul	88
52) 4-Nitrophenol	14.65	109	250852	19.24	ng/ul	93
53) Dibenzofuran	14.82	168	1572176	20.85	ng/ul	97
54) 2,4-Dinitrotoluene	14.79	165	432513	21.35	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.05	232	387029	20.42	ng/ul#	97
56) Diethylphthalate	15.24	149	1368510	20.29	ng/ul	100
58) Fluorene	15.47	166	1287998	20.74	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.46	204	671197	20.67	ng/ul	97
60) 4-Nitroaniline	15.50	138	319069	20.84	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.56	198	274124	20.85	ng/ul#	97
64) N-Nitrosodiphenylamine	15.68	169	1169879	21.39	ng/ul	99
65) 4-Bromophenyl-phenylether	16.36	248	465595	21.05	ng/ul	98
66) Hexachlorobenzene	16.47	284	518117	20.92	ng/ul	98
67) Atrazine	16.63	200	488881	21.17	ng/ul	98
68) Pentachlorophenol	16.82	266	301760	18.88	ng/ul	99
69) Phenanthrene	17.21	178	2220708	21.11	ng/ul	99
71) Anthracene	17.30	178	2311788	21.29	ng/ul	99
72) Carbazole	17.57	167	2052470	21.75	ng/ul	99
73) Di-n-butylphthalate	18.13	149	2450375	20.63	ng/ul	99
74) Fluoranthene	19.22	202	2915171	22.08	ng/ul	100
77) Pyrene	19.59	202	3068231	21.47	ng/ul	100
78) Butylbenzylphthalate	20.48	149	1255425	21.11	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.27	252	1188459	22.47	ng/ul	100
80) Benzo(a)anthracene	21.33	228	3309491	21.07	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.26	149	1802897	20.90	ng/ul	99
82) Chrysene	21.39	228	2965542	20.85	ng/ul	99
84) Di-n-octyl phthalate	22.14	149	3287242	23.29	ng/ul	100
85) Benzo(b)fluoranthene	22.93	252	3536756	21.11	ng/ul	99
86) Benzo(k)fluoranthene	22.98	252	3434431	22.18	ng/ul	100
88) Benzo(a)pyrene	23.52	252	3392601	21.16	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.91	276	3856121	19.60	ng/ul	98
90) Dibenzo(a,h)anthracene	25.92	278	3227523	19.72	ng/ul	99
91) Benzo(g,h,i)perylene	26.61	276	3200237	19.16	ng/ul	99

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

