

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112916\
 Data File : BM008104.D
 Acq On : 29 Nov 2016 16:29
 Operator : UM/SJ
 Sample : SSTD01035
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD01035

Quant Time: Nov 30 00:11:08 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM112916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 30 00:08:34 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	157270	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	628838	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	408716	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	759238	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	794839	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	771545	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	12596	3.52	ng/uL	0.00
5) Phenol-d5	6.89	99	111325	9.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	65715	9.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	88853	9.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	87367	9.29	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	43770	9.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	49430	10.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	89815	9.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	82821	8.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	255591	9.24	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	315717	9.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.58	143	31716	7.22	ng/ul	0.01
57) Fluorene-d10	15.33	176	220737	9.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	36251	7.98	ng/ul	0.00
70) Anthracene-d10	17.19	188	319057	9.43	ng/ul	0.00
76) Pyrene-d10	19.49	212	325562	10.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.38	264	309555	9.27	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.29	88	14677	3.70	ng/uL	98
4) Benzaldehyde	6.86	77	87326	11.41	ng/ul	96
6) Phenol	6.91	94	115305	9.32	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.14	93	89334	9.43	ng/ul	99
10) 2-Chlorophenol	7.27	128	90547	9.57	ng/ul	98
11) 2-Methylphenol	8.15	108	87204	9.65	ng/ul	86
12) 2,2'-oxybis(1-Chloropropan	8.23	45	103230	9.81	ng/ul	98
14) Acetophenone	8.53	105	143223	9.68	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.50	70	79124	10.70	ng/ul	97
16) 4-Methylphenol	8.47	108	94586	9.73	ng/ul	99
17) Hexachloroethane	8.76	117	40684	9.69	ng/ul	96
20) Nitrobenzene	8.90	77	109313	9.47	ng/ul	99
21) Isophorone	9.42	82	204298	10.22	ng/ul	99
23) 2-Nitrophenol	9.60	139	50381	10.02	ng/ul	97
24) 2,4-Dimethylphenol	9.67	107	108524	9.55	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.90	93	117093	9.67	ng/ul	97
27) 2,4-Dichlorophenol	10.14	162	87939	9.54	ng/ul	97
28) Naphthalene	10.53	128	282771	9.32	ng/ul	99
30) 4-Chloroaniline	10.66	127	90241	8.62	ng/ul	97
31) Hexachlorobutadiene	10.80	225	70419	9.35	ng/ul	95
32) Caprolactam	11.45	113	26025	9.84	ng/ul	96
33) 4-Chloro-3-methylphenol	11.78	107	94025	9.66	ng/ul	99
34) 2-Methylnaphthalene	12.15	142	205037	9.53	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	121676	9.26	ng/ul	98
37) Hexachlorocyclopentadiene	12.49	237	42379	5.70	ng/ul	98
38) 2,4,6-Trichlorophenol	12.77	196	74542	10.08	ng/ul	92
39) 2,4,5-Trichlorophenol	12.85	196	78102	9.67	ng/ul	97
40) 1,1'-Biphenyl	13.17	154	269507	9.45	ng/ul	99
41) 2-Chloronaphthalene	13.21	162	205803	9.40	ng/ul	98
42) 2-Nitroaniline	13.43	65	56391	9.53	ng/ul	97
44) Dimethylphthalate	13.80	163	252195	9.37	ng/ul	98
45) 2,6-Dinitrotoluene	13.93	165	48765	9.50	ng/ul	99
47) Acenaphthylene	14.06	152	318896	9.44	ng/ul	99
48) 3-Nitroaniline	14.27	138	43213	8.61	ng/ul	97
49) Acenaphthene	14.40	153	216758	9.29	ng/ul	98
50) 2,4-Dinitrophenol	14.50	184	22574	7.06	ng/ul	95
52) 4-Nitrophenol	14.59	109	29566	6.86	ng/ul	97
53) Dibenzofuran	14.74	168	309842	9.29	ng/ul	100
54) 2,4-Dinitrotoluene	14.73	165	68443	9.29	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.97	232	68837	9.54	ng/ul	95
56) Diethylphthalate	15.17	149	276907	10.28	ng/ul	98
58) Fluorene	15.39	166	252212	9.45	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.39	204	131384	9.22	ng/ul	99
60) 4-Nitroaniline	15.44	138	38401	7.49	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.50	198	36713	7.82	ng/ul#	86
64) N-Nitrosodiphenylamine	15.60	169	208082	9.69	ng/ul	99
65) 4-Bromophenyl-phenylether	16.28	248	82298	9.58	ng/ul	94
66) Hexachlorobenzene	16.40	284	92277	9.70	ng/ul	95
67) Atrazine	16.56	200	78285	9.35	ng/ul	95
68) Pentachlorophenol	16.76	266	47176	8.67	ng/ul	98
69) Phenanthrene	17.13	178	371062	9.29	ng/ul	98
71) Anthracene	17.23	178	370453	9.11	ng/ul	98
72) Carbazole	17.50	167	314173	8.91	ng/ul	100
73) Di-n-butylphthalate	18.06	149	379588	9.57	ng/ul	100
74) Fluoranthene	19.16	202	402625	8.59	ng/ul	99
77) Pyrene	19.52	202	421306	10.36	ng/ul	98
78) Butylbenzylphthalate	20.42	149	156051	10.53	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.21	252	122951	8.68	ng/ul	98
80) Benzo(a)anthracene	21.27	228	402463	9.53	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.19	149	228591	10.46	ng/ul	99
82) Chrysene	21.32	228	378011	9.34	ng/ul	100
84) Di-n-octyl phthalate	22.07	149	387817	9.82	ng/ul	98
85) Benzo(b)fluoranthene	22.85	252	400323	9.18	ng/ul	98
86) Benzo(k)fluoranthene	22.90	252	379850	9.47	ng/ul	99
88) Benzo(a)pyrene	23.43	252	383512	9.33	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.77	276	466804	9.43	ng/ul	99
90) Dibenzo(a,h)anthracene	25.78	278	396041	9.49	ng/ul	99
91) Benzo(g,h,i)perylene	26.47	276	391261	9.42	ng/ul	96

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

