

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
 Data File : BM005232.D
 Acq On : 05 May 2016 11:45
 Operator : UM/SJ
 Sample : SSTD01041
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD01041

Quant Time: May 05 13:41:57 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 05 13:39:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	83684	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	405734	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	262777	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	633818	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	746308	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	730021	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	7315	4.47	ng/uL	0.00
5) Phenol-d5	6.95	99	72946	10.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	45177	11.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	55564	10.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	60250	10.11	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	27391	10.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	30695	10.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	59213	10.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	77621	11.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	213325	10.31	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	251940	10.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	33435	9.23	ng/ul	0.00
57) Fluorene-d10	15.41	176	188975	10.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	30123	8.66	ng/ul	0.00
70) Anthracene-d10	17.26	188	295453	10.40	ng/ul	0.00
76) Pyrene-d10	19.56	212	348652	10.56	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	330187	10.18	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.30	88	13212	4.35 ng/uL#	92
4) Benzaldehyde	6.92	77	45744	13.32 ng/ul	99
6) Phenol	6.97	94	77047	10.37 ng/ul	99
8) Bis(2-Chloroethyl)ether	7.20	93	61411	10.91 ng/ul	99
10) 2-Chlorophenol	7.34	128	57858	10.19 ng/ul	98
11) 2-Methylphenol	8.22	108	58339	10.24 ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.30	45	84980	11.55 ng/ul	99
14) Acetophenone	8.59	105	100927	11.12 ng/ul	98
15) N-Nitroso-di-n-propylamine	8.57	70	50947	11.44 ng/ul	100
16) 4-Methylphenol	8.54	108	66958	10.46 ng/ul	97
17) Hexachloroethane	8.85	117	21904	9.88 ng/ul	95
20) Nitrobenzene	8.97	77	71804	10.48 ng/ul	98
21) Isophorone	9.49	82	138221	10.64 ng/ul	99
23) 2-Nitrophenol	9.68	139	34272	10.36 ng/ul	99
24) 2,4-Dimethylphenol	9.74	107	75276	10.27 ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.97	93	89304	10.93 ng/ul	99
27) 2,4-Dichlorophenol	10.21	162	61093	10.12 ng/ul	99
28) Naphthalene	10.61	128	207795	10.12 ng/ul	99
30) 4-Chloroaniline	10.73	127	80963	11.15 ng/ul	97
31) Hexachlorobutadiene	10.89	225	37051	9.42 ng/ul	98
32) Caprolactam	11.48	113	19669	9.33 ng/ul	91
33) 4-Chloro-3-methylphenol	11.85	107	73880	10.48 ng/ul	99
34) 2-Methylnaphthalene	12.23	142	158715	10.41 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	80018	10.01	ng/ul	99
37) Hexachlorocyclopentadiene	12.57	237	31151	7.03	ng/ul	97
38) 2,4,6-Trichlorophenol	12.85	196	51267	10.19	ng/ul	94
39) 2,4,5-Trichlorophenol	12.92	196	57810	10.22	ng/ul	99
40) 1,1'-Biphenyl	13.25	154	215901	10.51	ng/ul	99
41) 2-Chloronaphthalene	13.29	162	159289	10.15	ng/ul	99
42) 2-Nitroaniline	13.50	65	44638	10.63	ng/ul	92
44) Dimethylphthalate	13.87	163	215050	10.32	ng/ul	99
45) 2,6-Dinitrotoluene	14.00	165	38538	9.89	ng/ul	93
47) Acenaphthylene	14.13	152	273373	10.48	ng/ul	99
48) 3-Nitroaniline	14.33	138	40021	9.83	ng/ul	91
49) Acenaphthene	14.48	153	180502	10.46	ng/ul	99
50) 2,4-Dinitrophenol	14.55	184	13948	6.39	ng/ul	91
52) 4-Nitrophenol	14.64	109	28996	8.91	ng/ul	100
53) Dibenzofuran	14.82	168	261146	10.23	ng/ul	99
54) 2,4-Dinitrotoluene	14.79	165	60850	9.99	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.04	232	48553	9.79	ng/ul#	96
56) Diethylphthalate	15.24	149	214890	10.20	ng/ul	99
58) Fluorene	15.47	166	211993	10.56	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.46	204	104411	10.45	ng/ul	98
60) 4-Nitroaniline	15.49	138	44321	9.79	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.55	198	32627	8.90	ng/ul#	91
64) N-Nitrosodiphenylamine	15.67	169	183981	10.68	ng/ul	100
65) 4-Bromophenyl-phenylether	16.36	248	62681	10.37	ng/ul	97
66) Hexachlorobenzene	16.47	284	70449	10.21	ng/ul	96
67) Atrazine	16.63	200	65970	10.50	ng/ul	97
68) Pentachlorophenol	16.82	266	31979	8.44	ng/ul	97
69) Phenanthrene	17.20	178	351982	10.35	ng/ul	100
71) Anthracene	17.30	178	354434	10.37	ng/ul	99
72) Carbazole	17.57	167	325779	10.96	ng/ul	100
73) Di-n-butylphthalate	18.13	149	365342	10.87	ng/ul	100
74) Fluoranthene	19.23	202	426671	11.23	ng/ul	100
77) Pyrene	19.59	202	445024	10.57	ng/ul	100
78) Butylbenzylphthalate	20.49	149	168630	10.66	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.28	252	129782	9.86	ng/ul	99
80) Benzo(a)anthracene	21.34	228	438607	10.31	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.27	149	248130	11.01	ng/ul	98
82) Chrysene	21.40	228	412472	10.08	ng/ul	99
84) Di-n-octyl phthalate	22.16	149	438661	10.14	ng/ul	99
85) Benzo(b)fluoranthene	22.95	252	437833	10.14	ng/ul	99
86) Benzo(k)fluoranthene	23.00	252	420405	10.00	ng/ul	100
88) Benzo(a)pyrene	23.54	252	419087	10.27	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.94	276	449896	10.96	ng/ul	99
90) Dibenzo(a,h)anthracene	25.94	278	381529	11.10	ng/ul	99
91) Benzo(g,h,i)perylene	26.64	276	372189	10.97	ng/ul	99

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

