

Data Path : Z:\HPCHEM1\BNA_M\Data\BM071015\
 Data File : BM001895.D
 Acq On : 10 Jul 2015 16:14
 Operator : TP/UM
 Sample : SSTD08034
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD08034

Manual Integrations
 APPROVED

apatel
 7/13/2015 3:36:48 PM

Quant Time: Jul 11 01:20:30 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 11 01:06:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	61971	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	283178	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	184036	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	429321	20.00	ng/ul	0.01
77) Chrysene-d12	21.27	240	516692	20.00	ng/ul	0.01
85) Perylene-d12	23.50	264	475686	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	72508	47.61	ng/uL	0.00
5) Phenol-d5	6.85	99	873732	144.89	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.00	67	440544	133.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	696697	146.40	ng/ul	0.01
13) 4-Methylphenol-d8	8.39	113	718927	146.21	ng/ul	0.02
19) Nitrobenzene-d5	8.83	128	340613	138.19	ng/ul	0.01
22) 2-Nitrophenol-d4	9.55	143	399815	145.69	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.09	165	788760	137.39	ng/ul	0.02
29) 4-Chloroaniline-d4	10.60	131	544307	89.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	2218605	129.28	ng/ul	0.02
46) Acenaphthylene-d8	14.02	160	2714962	124.34	ng/ul	0.01
51) 4-Nitrophenol-d4	14.57	143	399436	127.83	ng/ul	0.04
57) Fluorene-d10	15.32	176	1908373	123.07	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.47	200	454621	137.70	ng/ul	0.03
70) Anthracene-d10	17.18	188	2996812	122.60	ng/ul	0.02
78) Pyrene-d10	19.48	212	3382666	125.63	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.37	264	3607195	134.20	ng/ul	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	74010	43.09	ng/uL	98
4) Benzaldehyde	6.80	77	302916	79.58	ng/ul	97
6) Phenol	6.87	94	899845	144.59	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.10	93	624072	136.23	ng/ul	98
10) 2-Chlorophenol	7.23	128	703739	143.40	ng/ul	99
11) 2-Methylphenol	8.11	108	684211	147.06	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.20	45	711422	130.05	ng/ul	98
14) Acetophenone	8.50	105	1107583	142.92	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.51	70	560440	146.31	ng/ul	99
16) 4-Methylphenol	8.46	108	748849	147.57	ng/ul	97
17) Hexachloroethane	8.73	117	260619	135.57	ng/ul	97
20) Nitrobenzene	8.87	77	811156	125.91	ng/ul	100
21) Isophorone	9.41	82	1496500	134.09	ng/ul	98
23) 2-Nitrophenol	9.58	139	420282	140.93	ng/ul	99
24) 2,4-Dimethylphenol	9.65	107	865497	130.37	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.88	93	871312	128.29	ng/ul	100
27) 2,4-Dichlorophenol	10.12	162	756746	136.98	ng/ul	98
28) Naphthalene	10.50	128	2183806	125.96	ng/ul	99
30) 4-Chloroaniline	10.62	127	556654	90.54	ng/ul	95
31) Hexachlorobutadiene	10.78	225	511909	124.80	ng/ul	99
32) Caprolactam	11.47	113	344943m	170.09	ng/ul	
33) 4-Chloro-3-methylphenol	11.78	107	801837	135.00	ng/ul	100
34) 2-Methylnaphthalene	12.13	142	1656025	130.34	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	1008354	121.81	ng/ul	97
37) Hexachlorocyclopentadiene	12.47	237	624838	126.60	ng/ul	99
38) 2,4,6-Trichlorophenol	12.75	196	656831	131.71	ng/ul	99
39) 2,4,5-Trichlorophenol	12.83	196	710518	130.29	ng/ul	97
40) 1,1'-Biphenyl	13.16	154	2209031	121.39	ng/ul	100
41) 2-Chloronaphthalene	13.20	162	1745182	122.30	ng/ul	99
42) 2-Nitroaniline	13.42	65	514357	131.20	ng/ul	99
44) Dimethylphthalate	13.79	163	2235041	122.36	ng/ul	100
45) 2,6-Dinitrotoluene	13.93	165	498708	139.13	ng/ul	97
47) Acenaphthylene	14.05	152	2744847	123.17	ng/ul	99
48) 3-Nitroaniline	14.25	138	359697	106.20	ng/ul	98
49) Acenaphthene	14.39	153	1836511	123.96	ng/ul	99
50) 2,4-Dinitrophenol	14.46	184	341709	151.99	ng/ul	95
52) 4-Nitrophenol	14.59	109	379497	119.92	ng/ul	98
53) Dibenzofuran	14.73	168	2663310	124.77	ng/ul	99
54) 2,4-Dinitrotoluene	14.72	165	730927	138.81	ng/ul	88
55) 2,3,4,6-Tetrachlorophenol	14.96	232	653386	137.11	ng/ul	99
56) Diethylphthalate	15.16	149	2232692	126.63	ng/ul	99
58) Fluorene	15.38	166	2265171	126.96	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.37	204	1223825	127.10	ng/ul	99
60) 4-Nitroaniline	15.44	138	439256	116.96	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.49	198	482187	137.35	ng/ul	95
64) N-Nitrosodiphenylamine	15.59	169	1922825	124.98	ng/ul	99
65) 4-Bromophenyl-phenylether	16.27	248	752137	127.22	ng/ul	97
66) Hexachlorobenzene	16.38	284	817773	124.45	ng/ul	100
67) Atrazine	16.56	200	745880	119.35	ng/ul	99
68) Pentachlorophenol	16.73	266	559386	135.15	ng/ul	99
69) Phenanthrene	17.12	178	3438198	121.38	ng/ul	99
71) Anthracene	17.22	178	3565752	122.36	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.12	216	1003815	123.19	ng/uL	100
73) Pentachlorobenzene	14.64	250	959299	124.03	ng/uL	99
74) Carbazole	17.49	167	3135012	122.31	ng/ul	99
75) Di-n-butylphthalate	18.04	149	3758501	132.65	ng/ul	99
76) Fluoranthene	19.14	202	4199628	123.07	ng/ul	98
79) Pyrene	19.51	202	4376193	124.21	ng/ul	97
80) Butylbenzylphthalate	20.40	149	1777357	143.62	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.19	252	1288780	108.86	ng/ul	100
82) Benzo(a)anthracene	21.26	228	4467853	120.92	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.17	149	2671885	144.99	ng/ul	99
84) Chrysene	21.32	228	4140475	118.93	ng/ul	98
86) Di-n-octyl phthalate	22.05	149	4501175	148.11	ng/ul	100
87) Benzo(b)fluoranthene	22.84	252	4473752	130.42	ng/ul	98
88) Benzo(k)fluoranthene	22.89	252	4068396m	124.79	ng/ul	
90) Benzo(a)pyrene	23.43	252	4076693	123.33	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.80	276	4176417	106.68	ng/ul#	94
92) Dibenzo(a,h)anthracene	25.80	278	3600286	108.73	ng/ul	98
93) Benzo(g,h,i)perylene	26.48	276	3328055	101.56	ng/ul	100

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

