

Data Path : Z:\HPCHEM1\BNA_M\Data\BM022316\
 Data File : BM004341.D
 Acq On : 23 Feb 2016 09:52
 Operator : SJ/UM
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02051

Manual Integrations
 APPROVED

UMANGI
 2/24/2016 4:30:22 PM

Quant Time: Feb 24 01:03:40 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 23 07:03:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	29999	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	140003	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	87840	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	208142	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	241022	20.00	ng/ul	0.00
86) Perylene-d12	23.47	264	218922	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	4559	8.01	ng/uL	0.00
5) Phenol-d5	6.81	99	47366m	18.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	25067	19.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	41953	19.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	41943	18.66	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	20478	19.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	22656	18.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	42208m	19.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	57425	20.99	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	144508	19.18	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	173760	19.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	21657	17.89	ng/ul	0.00
58) Fluorene-d10	15.28	176	124725	19.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	22833	17.86	ng/ul	0.00
71) Anthracene-d10	17.14	188	199862	19.60	ng/ul	0.00
79) Pyrene-d10	19.44	212	229386	19.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	225140	19.60	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.12	88	5190	7.91	ng/uL#	90
4) Benzaldehyde	6.77	77	30550m	22.45	ng/ul	
6) Phenol	6.84	94	50631	18.87	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.05	93	38751	19.51	ng/ul	98
10) 2-Chlorophenol	7.19	128	43749	19.40	ng/ul	97
11) 2-Methylphenol	8.08	108	40509	18.52	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.16	45	37097	19.46	ng/ul	100
14) Acetophenone	8.45	105	67895	19.28	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.43	70	31497	18.61	ng/ul	97
16) 4-Methylphenol	8.41	108	45227	18.86	ng/ul	98
17) Hexachloroethane	8.69	117	16478	19.23	ng/ul	93
20) Nitrobenzene	8.83	77	45946	19.74	ng/ul	96
21) Isophorone	9.34	82	90366	18.73	ng/ul	98
23) 2-Nitrophenol	9.53	139	26687	19.54	ng/ul	94
24) 2,4-Dimethylphenol	9.60	107	52777	19.35	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.83	93	55476	19.08	ng/ul	98
27) 2,4-Dichlorophenol	10.07	162	44127	19.08	ng/ul	99
28) Naphthalene	10.46	128	149971	19.21	ng/ul	100
30) 4-Chloroaniline	10.58	127	61362	21.30	ng/ul	100
31) Hexachlorobutadiene	10.74	225	28296	19.50	ng/ul	98
32) Caprolactam	11.34	113	14113m	17.53	ng/ul	
33) 4-Chloro-3-methylphenol	11.73	107	51007	18.84	ng/ul	99
34) 2-Methylnaphthalene	12.08	142	111148	19.03	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.30	142	106435	19.16	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	56905	19.48	ng/ul	99
38) Hexachlorocyclopentadiene	12.43	237	15970	14.66	ng/ul	99
39) 2,4,6-Trichlorophenol	12.72	196	35358	18.62	ng/ul	100
40) 2,4,5-Trichlorophenol	12.79	196	38741	18.80	ng/ul	99
41) 1,1'-Biphenyl	13.11	154	145945	19.34	ng/ul	99
42) 2-Chloronaphthalene	13.15	162	112172	19.53	ng/ul	99
43) 2-Nitroaniline	13.37	65	28309	19.55	ng/ul	95
45) Dimethylphthalate	13.75	163	151443	19.28	ng/ul	100
46) 2,6-Dinitrotoluene	13.87	165	31016	19.68	ng/ul	98
48) Acenaphthylene	14.00	152	187653	19.56	ng/ul	99
49) 3-Nitroaniline	14.21	138	31983	20.46	ng/ul	98
50) Acenaphthene	14.35	153	127063	19.39	ng/ul	98
51) 2,4-Dinitrophenol	14.43	184	10282	14.38	ng/ul	96
53) 4-Nitrophenol	14.54	109	16264	17.97	ng/ul	94
54) Dibenzofuran	14.69	168	179071	19.57	ng/ul	97
55) 2,4-Dinitrotoluene	14.67	165	47190	20.05	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.93	232	31612	18.52	ng/ul	98
57) Diethylphthalate	15.12	149	157915	19.43	ng/ul	100
59) Fluorene	15.34	166	148423	19.57	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.33	204	72927	19.60	ng/ul	95
61) 4-Nitroaniline	15.38	138	34585	20.53	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.45	198	24902	18.08	ng/ul	94
65) N-Nitrosodiphenylamine	15.55	169	129851	19.50	ng/ul	99
66) 4-Bromophenyl-phenylether	16.23	248	43708	19.28	ng/ul	95
67) Hexachlorobenzene	16.35	284	48061	19.07	ng/ul	97
68) Atrazine	16.51	200	48763	19.74	ng/ul	98
69) Pentachlorophenol	16.70	266	15820m	15.90	ng/ul	
70) Phenanthrene	17.08	178	244450	19.56	ng/ul	99
72) Anthracene	17.17	178	249862	19.67	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	53864	19.42	ng/uL	99
74) Pentachlorobenzene	14.61	250	54331	19.07	ng/uL	99
75) Carbazole	17.45	167	224425	20.27	ng/ul	100
76) Di-n-butylphthalate	18.00	149	280358	18.25	ng/ul	99
77) Fluoranthene	19.11	202	293002	20.69	ng/ul	100
80) Pyrene	19.47	202	309677	19.66	ng/ul	99
81) Butylbenzylphthalate	20.38	149	130246	18.79	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.17	252	100545	20.71	ng/ul	99
83) Benzo(a)anthracene	21.23	228	304378	19.63	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	196850	19.21	ng/ul	99
85) Chrysene	21.29	228	289682	19.42	ng/ul	99
87) Di-n-octyl phthalate	22.03	149	351688	19.52	ng/ul	98
88) Benzo(b)fluoranthene	22.81	252	284500	19.23	ng/ul	100
89) Benzo(k)fluoranthene	22.85	252	283697	20.35	ng/ul	99
91) Benzo(a)pyrene	23.38	252	269698	19.62	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.71	276	241705	18.80	ng/ul	98
93) Dibenzo(a,h)anthracene	25.71	278	201296	18.97	ng/ul	99
94) Benzo(g,h,i)perylene	26.40	276	193602	18.31	ng/ul	99

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

