

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122914\
 Data File : BM000065.D
 Acq On : 29 Dec 2014 19:08
 Operator : TP
 Sample : SSTD02006
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02007

Manual Integrations
 APPROVED

TEJASKUMAR
 1/7/2015 9:21:04 AM

Quant Time: Dec 31 03:00:32 2014
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 29 13:41:14 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	215216	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.64	136	921790	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	650626	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1334086	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1308964	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	1031464	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	26451	7.13	ng/uL	0.00
5) Phenol-d5	7.01	99	345520m	18.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	220477	19.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	251057	18.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	272230	18.48	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	126577	19.86	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.72	143	132236	20.35	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.25	165	279472m	19.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	354036	21.71	ng/ul	-0.01
43) Dimethylphthalate-d6	13.89	166	916318	19.10	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1107089	19.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	141497	18.25	ng/ul	0.00
57) Fluorene-d10	15.47	176	781883	18.97	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.58	200	120865	18.27	ng/ul	-0.01
70) Anthracene-d10	17.32	188	1188151	19.26	ng/ul	0.00
76) Pyrene-d10	19.61	212	1266330	20.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	925814	19.89	ng/ul	-0.01

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.36	88	39237	7.63 ng/uL#	94
4) Benzaldehyde	6.98	77	248538	21.40 ng/ul	98
6) Phenol	7.03	94	359432	18.52 ng/ul	99
8) Bis(2-Chloroethyl)ether	7.27	93	278389	18.76 ng/ul	99
10) 2-Chlorophenol	7.41	128	267027	19.22 ng/ul	96
11) 2-Methylphenol	8.28	108	283312	18.92 ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.38	45	470804	19.69 ng/ul	99
14) Acetophenone	8.66	105	484973	19.29 ng/ul	98
15) N-Nitroso-di-n-propylamine	8.65	70	258015	19.60 ng/ul	99
16) 4-Methylphenol	8.61	108	301845	18.63 ng/ul	95
17) Hexachloroethane	8.93	117	119150	18.77 ng/ul	96
20) Nitrobenzene	9.04	77	374488	19.71 ng/ul	99
21) Isophorone	9.57	82	703546	19.20 ng/ul	99
23) 2-Nitrophenol	9.75	139	146074	20.33 ng/ul	97
24) 2,4-Dimethylphenol	9.81	107	379650	19.47 ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.05	93	395306	19.38 ng/ul	99
27) 2,4-Dichlorophenol	10.28	162	281111	19.59 ng/ul	96
28) Naphthalene	10.69	128	894090	19.02 ng/ul	100
30) 4-Chloroaniline	10.79	127	367213m	21.77 ng/ul	
31) Hexachlorobutadiene	10.97	225	200674	19.73 ng/ul	96
32) Caprolactam	11.55	113	88149	18.45 ng/ul	88
33) 4-Chloro-3-methylphenol	11.91	107	339035	19.26 ng/ul	98
34) 2-Methylnaphthalene	12.30	142	677299	19.43 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.67	216	351303	19.47	ng/ul#	94
37) Hexachlorocyclopentadiene	12.65	237	224403	18.83	ng/ul	99
38) 2,4,6-Trichlorophenol	12.91	196	224416	19.50	ng/ul	98
39) 2,4,5-Trichlorophenol	12.97	196	240929	19.28	ng/ul	96
40) 1,1'-Biphenyl	13.32	154	907764	19.36	ng/ul	99
41) 2-Chloronaphthalene	13.35	162	698586	19.44	ng/ul	98
42) 2-Nitroaniline	13.56	65	234894	20.17	ng/ul	99
44) Dimethylphthalate	13.93	163	903347	18.90	ng/ul	99
45) 2,6-Dinitrotoluene	14.06	165	168294	19.69	ng/ul	99
47) Acenaphthylene	14.20	152	1154278	19.04	ng/ul	99
48) 3-Nitroaniline	14.38	138	180798	20.65	ng/ul	99
49) Acenaphthene	14.54	153	742208	19.21	ng/ul	99
50) 2,4-Dinitrophenol	14.59	184	76429	17.61	ng/ul	96
52) 4-Nitrophenol	14.68	109	188712	18.31	ng/ul	97
53) Dibenzofuran	14.88	168	1085097	19.39	ng/ul	99
54) 2,4-Dinitrotoluene	14.84	165	249705	19.57	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.10	232	209714	19.46	ng/ul	97
56) Diethylphthalate	15.31	149	940252	18.72	ng/ul	99
58) Fluorene	15.52	166	881454	18.99	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.52	204	429814	18.77	ng/ul	99
60) 4-Nitroaniline	15.55	138	197063	19.92	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.60	198	127768	18.87	ng/ul#	92
64) N-Nitrosodiphenylamine	15.74	169	747117	19.31	ng/ul	99
65) 4-Bromophenyl-phenylether	16.41	248	263357	19.37	ng/ul#	89
66) Hexachlorobenzene	16.53	284	299177	19.09	ng/ul	98
67) Atrazine	16.69	200	288414	18.90	ng/ul	99
68) Pentachlorophenol	16.87	266	168657	17.69	ng/ul	99
69) Phenanthrene	17.26	178	1399234	19.38	ng/ul	98
71) Anthracene	17.35	178	1423215	19.17	ng/ul	100
72) Carbazole	17.63	167	1283169	19.19	ng/ul	99
73) Di-n-butylphthalate	18.19	149	1552548	19.46	ng/ul	98
74) Fluoranthene	19.28	202	1588316	19.18	ng/ul	98
77) Pyrene	19.64	202	1666965	21.13	ng/ul#	95
78) Butylbenzylphthalate	20.54	149	647250	20.19	ng/ul#	83
79) 3,3'-Dichlorobenzidine	21.33	252	471074	19.68	ng/ul	98
80) Benzo(a)anthracene	21.39	228	1466915	19.41	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.33	149	949639	20.35	ng/ul#	99
82) Chrysene	21.44	228	1339476	19.23	ng/ul	100
84) Di-n-octyl phthalate	22.22	149	1455814	20.52	ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	1259909	19.14	ng/ul	98
86) Benzo(k)fluoranthene	23.05	252	1216663	21.65	ng/ul#	99
88) Benzo(a)pyrene	23.60	252	1130175	19.55	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.05	276	1128191	18.70	ng/ul	99
90) Dibenzo(a,h)anthracene	26.06	278	950733	18.72	ng/ul	99
91) Benzo(g,h,i)perylene	26.76	276	929469	18.75	ng/ul	99

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

