

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012815\
 Data File : BM000358.D
 Acq On : 28 Jan 2015 18:47
 Operator : TP/IZ
 Sample : SSTD01051
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA5

Manual Integrations
 APPROVED

apatel
 2/5/2015 12:07:06 PM

Quant Time: Jan 29 06:19:56 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 29 06:06:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	159685	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	631997	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	424571	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	913546	20.00	ng/ul	0.00
75) Chrysene-d12	21.32	240	1008701	20.00	ng/ul	0.00
83) Perylene-d12	23.57	264	922801	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	10236	2.99	ng/uL	0.00
5) Phenol-d5	6.91	99	95924	7.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	69765	7.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	82099	8.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	76673	7.78	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	33506	7.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	30274	7.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	87718	9.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	115453	10.06	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	274136	9.17	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	357805	9.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.58	143	30698	6.55	ng/ul	0.00
57) Fluorene-d10	15.38	176	274255	10.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	29800	6.58	ng/ul	0.00
70) Anthracene-d10	17.23	188	418664	9.75	ng/ul	0.00
76) Pyrene-d10	19.53	212	465386	10.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.43	264	409603	9.78	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.25	88	14827	3.16 ng/uL#	1
4) Benzaldehyde	6.89	77	76544	7.99 ng/ul	93
6) Phenol	6.93	94	99196	7.41 ng/ul	97
8) Bis(2-Chloroethyl)ether	7.17	93	89829	8.25 ng/ul	93
10) 2-Chlorophenol	7.30	128	86936	8.85 ng/ul	98
11) 2-Methylphenol	8.18	108	77364	7.75 ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.27	45	173291	8.76 ng/ul	100
14) Acetophenone	8.56	105	151582	7.84 ng/ul	96
15) N-Nitroso-di-n-propylamine	8.55	70	61488	6.34 ng/ul	97
16) 4-Methylphenol	8.51	108	82842	7.59 ng/ul	94
17) Hexachloroethane	8.82	117	42617	8.41 ng/ul	87
20) Nitrobenzene	8.94	77	103866	7.15 ng/ul#	90
21) Isophorone	9.46	82	174420	7.03 ng/ul#	97
23) 2-Nitrophenol	9.65	139	32341	6.96 ng/ul	91
24) 2,4-Dimethylphenol	9.71	107	111119	8.60 ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.95	93	104216	7.70 ng/ul#	88
27) 2,4-Dichlorophenol	10.18	162	85068	9.01 ng/ul	90
28) Naphthalene	10.58	128	321113	10.04 ng/ul	98
30) 4-Chloroaniline	10.69	127	118602	9.79 ng/ul	98
31) Hexachlorobutadiene	10.87	225	80111	10.31 ng/ul	94
32) Caprolactam	11.45	113	15629m	5.92 ng/ul	
33) 4-Chloro-3-methylphenol	11.82	107	91908	7.94 ng/ul	97
34) 2-Methylnaphthalene	12.20	142	230388	9.43 ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.57	216	136340	10.98	ng/ul	98
37) Hexachlorocyclopentadiene	12.55	237	65476	8.60	ng/ul	94
38) 2,4,6-Trichlorophenol	12.82	196	65216	9.49	ng/ul	99
39) 2,4,5-Trichlorophenol	12.88	196	72337	9.26	ng/ul	96
40) 1,1'-Biphenyl	13.22	154	325065	10.64	ng/ul	98
41) 2-Chloronaphthalene	13.26	162	255271	10.75	ng/ul	98
42) 2-Nitroaniline	13.47	65	40267	5.29	ng/ul	95
44) Dimethylphthalate	13.85	163	288788	9.39	ng/ul	98
45) 2,6-Dinitrotoluene	13.97	165	39557	7.26	ng/ul	92
47) Acenaphthylene	14.11	152	389125	9.97	ng/ul	98
48) 3-Nitroaniline	14.30	138	39555	7.11	ng/ul	93
49) Acenaphthene	14.45	153	251811	9.90	ng/ul	98
50) 2,4-Dinitrophenol	14.50	184	13737	4.93	ng/ul#	86
52) 4-Nitrophenol	14.60	109	52349	6.76	ng/ul	95
53) Dibenzofuran	14.79	168	382596	10.21	ng/ul	97
54) 2,4-Dinitrotoluene	14.75	165	59500	6.86	ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	15.02	232	56327	8.56	ng/ul#	98
56) Diethylphthalate	15.22	149	269260	8.50	ng/ul	99
58) Fluorene	15.44	166	303192	9.78	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.43	204	165969	10.52	ng/ul	99
60) 4-Nitroaniline	15.46	138	42721	6.81	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.51	198	31419	6.72	ng/ul#	96
64) N-Nitrosodiphenylamine	15.64	169	251163	9.84	ng/ul	99
65) 4-Bromophenyl-phenylether	16.33	248	96046	9.96	ng/ul	94
66) Hexachlorobenzene	16.44	284	112910	9.93	ng/ul	99
67) Atrazine	16.60	200	82078	9.19	ng/ul	98
68) Pentachlorophenol	16.79	266	41186	7.38	ng/ul	99
69) Phenanthrene	17.17	178	501099	9.88	ng/ul	98
71) Anthracene	17.26	178	493479	9.54	ng/ul	99
72) Carbazole	17.53	167	412048	9.28	ng/ul	99
73) Di-n-butylphthalate	18.10	149	323819	6.79	ng/ul	100
74) Fluoranthene	19.19	202	568381	9.59	ng/ul	99
77) Pyrene	19.56	202	626496	10.48	ng/ul	99
78) Butylbenzylphthalate	20.46	149	102990	5.96	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.24	252	137471	9.41	ng/ul	93
80) Benzo(a)anthracene	21.30	228	579666	9.89	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.23	149	156690	5.97	ng/ul#	99
82) Chrysene	21.36	228	577508	10.47	ng/ul	99
84) Di-n-octyl phthalate	22.12	149	279262	6.18	ng/ul	100
85) Benzo(b)fluoranthene	22.89	252	574063	10.26	ng/ul	99
86) Benzo(k)fluoranthene	22.93	252	526975	9.67	ng/ul	100
88) Benzo(a)pyrene	23.47	252	532907	10.05	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.84	276	595273	10.28	ng/ul	98
90) Dibenzo(a,h)anthracene	25.85	278	493479	10.18	ng/ul	100
91) Benzo(g,h,i)perylene	26.53	276	501741	10.43	ng/ul	98

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

