

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032317\
 Data File : BM009341.D
 Acq On : 23 Mar 2017 13:38
 Operator : SJ/MA
 Sample : SSTD04054
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD04054

Manual Integrations
 APPROVED

mohammad
 3/24/2017 4:09:10 PM

Quant Time: Mar 23 16:13:04 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 23 14:28:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	155588	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	632908	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	423505	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	864610m	20.00	ng/ul	0.00
77) Chrysene-d12	21.43	240	1086676	20.00	ng/ul	0.00
85) Perylene-d12	23.75	264	1006008	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	62491	17.69	ng/uL	0.00
5) Phenol-d5	7.02	99	547561	32.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	391250m	35.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	386770	37.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	406777	30.29	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	192298	42.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	204069	40.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	406236	37.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	468963	36.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.91	166	1159173	36.04	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	1489836	40.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	212137	33.22	ng/ul	0.00
57) Fluorene-d10	15.50	176	1064521	37.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	215082	41.58	ng/ul	0.00
70) Anthracene-d10	17.35	188	1660221	40.57	ng/ul	0.00
78) Pyrene-d10	19.64	212	1879876	42.86	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.60	264	1919290	41.70	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.37	88	70027	18.68	ng/uL#	68
4) Benzaldehyde	7.00	77	440520	39.05	ng/ul#	80
6) Phenol	7.04	94	584958	32.54	ng/ul#	76
8) Bis(2-Chloroethyl)ether	7.29	93	456528	35.46	ng/ul#	77
10) 2-Chlorophenol	7.42	128	408809	38.54	ng/ul#	78
11) 2-Methylphenol	8.29	108	412058	31.65	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.39	45	740541	34.53	ng/ul#	88
14) Acetophenone	8.69	105	711473	31.54	ng/ul#	78
15) N-Nitroso-di-n-propylamine	8.66	70	422116	30.53	ng/ul#	77
16) 4-Methylphenol	8.62	108	440402	29.83	ng/ul	93
17) Hexachloroethane	8.93	117	198552	42.75	ng/ul	97
20) Nitrobenzene	9.07	77	626725	41.58	ng/ul#	82
21) Isophorone	9.59	82	1062927	35.65	ng/ul#	91
23) 2-Nitrophenol	9.77	139	220473	40.37	ng/ul#	65
24) 2,4-Dimethylphenol	9.82	107	531525	37.93	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.07	93	595063	36.41	ng/ul#	98
27) 2,4-Dichlorophenol	10.30	162	404168	38.10	ng/ul	97
28) Naphthalene	10.71	128	1258244	38.77	ng/ul	99
30) 4-Chloroaniline	10.82	127	503071	37.15	ng/ul	98
31) Hexachlorobutadiene	10.98	225	306612	41.93	ng/ul	97
32) Caprolactam	11.60	113	119627m	27.00	ng/ul	
33) 4-Chloro-3-methylphenol	11.93	107	459258	32.99	ng/ul	93
34) 2-Methylnaphthalene	12.32	142	911078	35.26	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.69	216	563763	44.26	ng/ul	98
37) Hexachlorocyclopentadiene	12.66	237	343888	47.75	ng/ul	97
38) 2,4,6-Trichlorophenol	12.93	196	338841	41.96	ng/ul	97
39) 2,4,5-Trichlorophenol	13.00	196	353628	38.22	ng/ul	97
40) 1,1'-Biphenyl	13.33	154	1229966	41.45	ng/ul#	97
41) 2-Chloronaphthalene	13.37	162	940370	40.95	ng/ul	97
42) 2-Nitroaniline	13.59	65	373073	39.56	ng/ul#	65
44) Dimethylphthalate	13.96	163	1164370	36.09	ng/ul	99
45) 2,6-Dinitrotoluene	14.09	165	236028	38.03	ng/ul#	73
47) Acenaphthylene	14.22	152	1477787	39.91	ng/ul	99
48) 3-Nitroaniline	14.42	138	244553	37.00	ng/ul#	68
49) Acenaphthene	14.57	153	1009380	38.75	ng/ul	97
50) 2,4-Dinitrophenol	14.62	184	151647	37.27	ng/ul#	77
52) 4-Nitrophenol	14.71	109	249715	33.48	ng/ul#	71
53) Dibenzofuran	14.90	168	1463489	38.12	ng/ul	96
54) 2,4-Dinitrotoluene	14.87	165	352357	36.85	ng/ul#	63
55) 2,3,4,6-Tetrachlorophenol	15.13	232	331822	37.37	ng/ul#	89
56) Diethylphthalate	15.32	149	1213596	35.93	ng/ul	99
58) Fluorene	15.55	166	1221652	36.87	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.54	204	635209	37.31	ng/ul	90
60) 4-Nitroaniline	15.58	138	267923	35.71	ng/ul#	68
63) 4,6-Dinitro-2-methylphenol	15.63	198	231333	42.58	ng/ul#	88
64) N-Nitrosodiphenylamine	15.76	169	1053395	43.35	ng/ul	99
65) 4-Bromophenyl-phenylether	16.44	248	395439	42.34	ng/ul	91
66) Hexachlorobenzene	16.55	284	434633	41.83	ng/ul	94
67) Atrazine	16.71	200	389045	38.30	ng/ul	93
68) Pentachlorophenol	16.90	266	261998	38.38	ng/ul	99
69) Phenanthrene	17.29	178	1931282m	40.14	ng/ul	
71) Anthracene	17.39	178	2011833	41.00	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.30	216	502840	49.50	ng/uL	99
73) Pentachlorobenzene	14.82	250	497917	45.65	ng/uL	99
74) Carbazole	17.66	167	1773265	38.71	ng/ul	99
75) Di-n-butylphthalate	18.20	149	2024304	38.35	ng/ul#	99
76) Fluoranthene	19.30	202	2293999	37.82	ng/ul	99
79) Pyrene	19.67	202	2431687	43.07	ng/ul	99
80) Butylbenzylphthalate	20.56	149	930796	41.02	ng/ul#	79
81) 3,3'-Dichlorobenzidine	21.34	252	884306	42.96	ng/ul	98
82) Benzo(a)anthracene	21.41	228	2514517	40.48	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.32	149	1345679	38.10	ng/ul#	98
84) Chrysene	21.46	228	2356742	40.23	ng/ul	99
86) Di-n-octyl phthalate	22.22	149	2370243	43.81	ng/ul#	86
87) Benzo(b)fluoranthene	23.04	252	2452645	41.25	ng/ul#	98
88) Benzo(k)fluoranthene	23.09	252	2430867m	42.77	ng/ul	
90) Benzo(a)pyrene	23.65	252	2401988	41.56	ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	26.13	276	2724656	39.30	ng/ul#	92
92) Dibenzo(a,h)anthracene	26.13	278	2319918	39.56	ng/ul#	92
93) Benzo(g,h,i)perylene	26.86	276	2224309	38.76	ng/ul#	92

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

