

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090817\
 Data File : BM011472.D
 Acq On : 08 Sep 2017 15:02
 Operator : SJ/JU
 Sample : SSTD04005
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD04005

Manual Integrations
 APPROVED

Sohil
 9/11/2017 4:45:47 PM

Quant Time: Sep 08 15:44:09 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 08 15:18:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	514292	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	2356878	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.61	164	1390922	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.35	188	3070627	20.00	ng/ul	0.00
78) Chrysene-d12	21.51	240	3386293	20.00	ng/ul	0.00
86) Perylene-d12	23.89	264	2891666	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	184134	23.20	ng/uL	0.00
5) Phenol-d5	7.13	99	2030687	52.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	1355181	69.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.51	132	1574713	48.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.68	113	1588068	45.80	ng/ul	0.00
19) Nitrobenzene-d5	9.15	128	760909	46.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.87	143	812184	38.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.40	165	1583986	38.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	1701380	40.85	ng/ul	0.00
44) Dimethylphthalate-d6	14.02	166	4828103	38.36	ng/ul	0.00
47) Acenaphthylene-d8	14.31	160	5951836	43.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.80	143	905827	47.90	ng/ul	0.00
58) Fluorene-d10	15.60	176	4225843	36.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.72	200	727208	33.26	ng/ul	0.00
71) Anthracene-d10	17.45	188	6354082	43.21	ng/ul	0.00
79) Pyrene-d10	19.73	212	6827551	45.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.74	264	5963014	44.83	ng/ul	0.00

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.43	88	198071	23.280	ng/uL#	71
4) Benzaldehyde	7.12	77	1127622	58.659	ng/ul	93
6) Phenol	7.16	94	2016807	53.530	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.40	93	1573200	58.991	ng/ul#	87
10) 2-Chlorophenol	7.55	128	1522005	50.452	ng/ul	96
11) 2-Methylphenol	8.42	108	1525844	51.943	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.51	45	2563720	73.230	ng/ul#	93
14) Acetophenone	8.80	105	2429215	48.216	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.79	70	1331943	56.318	ng/ul#	81
16) 4-Methylphenol	8.75	108	1672075	51.304	ng/ul	92
17) Hexachloroethane	9.07	117	570843	47.300	ng/ul	81
20) Nitrobenzene	9.19	77	1761472	49.793	ng/ul	93
21) Isophorone	9.72	82	3569824	52.807	ng/ul#	98
23) 2-Nitrophenol	9.90	139	842416	41.669	ng/ul#	94
24) 2,4-Dimethylphenol	9.95	107	1757918	43.472	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.19	93	2278180	58.013	ng/ul	98
27) 2,4-Dichlorophenol	10.43	162	1520925	38.652	ng/ul	98
28) Naphthalene	10.84	128	4963253	46.656	ng/ul	98
30) 4-Chloroaniline	10.95	127	1614449	40.730	ng/ul	98
31) Hexachlorobutadiene	11.12	225	842891	24.759	ng/ul	97
32) Caprolactam	11.73	113	472302m	37.397	ng/ul	
33) 4-Chloro-3-methylphenol	12.06	107	1612563	42.058	ng/ul	95
34) 2-Methylnaphthalene	12.45	142	3722909	40.552	ng/ul	98

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35) 1-Methylnaphthalene	12.66	142	3560072	39.992	ng/ul#	96
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	1707290	31.861	ng/ul#	97
38) Hexachlorocyclopentadiene	12.79	237	945908	30.106	ng/ul#	96
39) 2,4,6-Trichlorophenol	13.05	196	1172344	36.655	ng/ul	99
40) 2,4,5-Trichlorophenol	13.12	196	1205715	35.484	ng/ul	98
41) 1,1'-Biphenyl	13.45	154	4758320	47.067	ng/ul#	95
42) 2-Chloronaphthalene	13.49	162	3572170	43.810	ng/ul	98
43) 2-Nitroaniline	13.69	65	1198591	62.372	ng/ul	86
45) Dimethylphthalate	14.06	163	4602681	39.911	ng/ul#	98
46) 2,6-Dinitrotoluene	14.19	165	884045	38.188	ng/ul	95
48) Acenaphthylene	14.34	152	5963613	46.208	ng/ul	100
49) 3-Nitroaniline	14.52	138	1042107	54.166	ng/ul	97
50) Acenaphthene	14.67	153	3981112	45.047	ng/ul	98
51) 2,4-Dinitrophenol	14.72	184	495257	33.516	ng/ul#	75
53) 4-Nitrophenol	14.82	109	582664	37.887	ng/ul#	56
54) Dibenzofuran	15.01	168	5476914	40.760	ng/ul	98
55) 2,4-Dinitrotoluene	14.97	165	1270222	36.740	ng/ul#	81
56) 2,3,4,6-Tetrachlorophenol	15.23	232	1096194	30.294	ng/ul#	75
57) Diethylphthalate	15.42	149	4843956	40.009	ng/ul	97
59) Fluorene	15.66	166	4688449	40.217	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.64	204	2201880	31.621	ng/ul	91
61) 4-Nitroaniline	15.67	138	1097102	48.011	ng/ul#	85
64) 4,6-Dinitro-2-methylphenol	15.73	198	744752	35.549	ng/ul	93
65) N-Nitrosodiphenylamine	15.86	169	3897523	50.284	ng/ul	100
66) 4-Bromophenyl-phenylether	16.54	248	1329365	33.669	ng/ul	94
67) Hexachlorobenzene	16.66	284	1444641	32.173	ng/ul#	89
68) Atrazine	16.80	200	1331418	36.003	ng/ul	96
69) Pentachlorophenol	16.99	266	907182	38.698	ng/ul	98
70) Phenanthrene	17.39	178	7080266	46.378	ng/ul	98
72) Anthracene	17.49	178	7385713	46.463	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.42	216	1705151	39.814	ng/uL	98
74) Pentachlorobenzene	14.93	250	1751839	27.525	ng/uL	98
75) Carbazole	17.75	167	6582515	50.569	ng/ul	97
76) Di-n-butylphthalate	18.30	149	8845447	61.201	ng/ul	99
77) Fluoranthene	19.40	202	8122635	41.631	ng/ul#	87
80) Pyrene	19.76	202	8458308	48.123	ng/ul#	84
81) Butylbenzylphthalate	20.64	149	4053715	77.611	ng/ul#	90
82) 3,3'-Dichlorobenzidine	21.43	252	2589018	41.791	ng/ul#	98
83) Benzo(a)anthracene	21.50	228	7845533	43.617	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.41	149	6297887	82.422	ng/ul#	98
85) Chrysene	21.55	228	7051902	42.858	ng/ul	98
87) Di-n-octyl phthalate	22.33	149	10510091	92.213	ng/ul	100
88) Benzo(b)fluoranthene	23.17	252	7624718	47.362	ng/ul#	95
89) Benzo(k)fluoranthene	23.22	252	7112287	45.318	ng/ul#	94
91) Benzo(a)pyrene	23.79	252	7058409	45.567	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	26.33	276	7358251	39.143	ng/ul#	85
93) Dibenzo(a,h)anthracene	26.34	278	6330132	39.260	ng/ul#	95
94) Benzo(g,h,i)perylene	27.09	276	5734496	36.796	ng/ul#	90

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

