

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062116\
 Data File : BM005876.D
 Acq On : 21 Jun 2016 02:44
 Operator : UM/SJ
 Sample : SSTD02036
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02036

Manual Integrations
 APPROVED

sohil
 6/21/2016 4:25:03 PM

Quant Time: Jun 21 05:42:50 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 21 05:29:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	195592	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	1009955	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	649271	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1561391	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1745680	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1809967	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	42748	9.19	ng/uL	0.00
5) Phenol-d5	6.85	99	462498	26.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	276232	27.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	336183	24.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	394636	27.67	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	153334	19.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	150685	18.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	372483	22.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	371651	22.62	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	1338312	24.10	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1582852	23.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	221499	21.81	ng/ul	0.00
57) Fluorene-d10	15.32	176	1102873	23.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	108090	13.08	ng/ul	0.00
70) Anthracene-d10	17.17	188	1728381	22.66	ng/ul	0.00
76) Pyrene-d10	19.47	212	1976425	23.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1992311	22.83	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	72402	8.94	ng/uL	100
4) Benzaldehyde	6.83	77	47413	5.53	ng/ul	100
6) Phenol	6.87	94	477464	26.89	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.11	93	366779	27.18	ng/ul	100
10) 2-Chlorophenol	7.25	128	343449	24.37	ng/ul	100
11) 2-Methylphenol	8.12	108	369151	27.21	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.22	45	528878	28.75	ng/ul	100
14) Acetophenone	8.50	105	610611	28.32	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.49	70	338555	29.21	ng/ul	100
16) 4-Methylphenol	8.45	108	424471	28.46	ng/ul	100
17) Hexachloroethane	8.75	117	127886	23.14	ng/ul	100
20) Nitrobenzene	8.87	77	414285	21.77	ng/ul	100
21) Isophorone	9.39	82	974647	26.05	ng/ul	100
23) 2-Nitrophenol	9.58	139	176839	19.63	ng/ul	100
24) 2,4-Dimethylphenol	9.65	107	472946	23.97	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.88	93	568128	25.79	ng/ul	100
27) 2,4-Dichlorophenol	10.11	162	373283	23.03	ng/ul	100
28) Naphthalene	10.51	128	1199568	22.95	ng/ul	100
30) 4-Chloroaniline	10.62	127	386683	22.93	ng/ul	100
31) Hexachlorobutadiene	10.80	225	199130	19.14	ng/ul	100
32) Caprolactam	11.37	113	167982m	28.64	ng/ul	
33) 4-Chloro-3-methylphenol	11.75	107	488571	26.37	ng/ul	100
34) 2-Methylnaphthalene	12.13	142	944896	24.30	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	456646	20.65	ng/ul	100
37) Hexachlorocyclopentadiene	12.49	237	213266	16.08	ng/ul	100
38) 2,4,6-Trichlorophenol	12.74	196	316112	21.63	ng/ul	100
39) 2,4,5-Trichlorophenol	12.82	196	346291	21.53	ng/ul	100
40) 1,1'-Biphenyl	13.16	154	1253034	22.45	ng/ul	100
41) 2-Chloronaphthalene	13.19	162	941232	22.00	ng/ul	100
42) 2-Nitroaniline	13.40	65	277353	21.72	ng/ul	100
44) Dimethylphthalate	13.79	163	1304359	23.81	ng/ul	100
45) 2,6-Dinitrotoluene	13.90	165	217394	20.52	ng/ul	100
47) Acenaphthylene	14.04	152	1614477	23.24	ng/ul	100
48) 3-Nitroaniline	14.23	138	248165	24.31	ng/ul	100
49) Acenaphthene	14.39	153	1060365	23.15	ng/ul	100
50) 2,4-Dinitrophenol	14.43	184	52202	9.83	ng/ul	100
52) 4-Nitrophenol	14.54	109	202218	20.11	ng/ul	100
53) Dibenzofuran	14.73	168	1511934	23.11	ng/ul	100
54) 2,4-Dinitrotoluene	14.69	165	319971	20.72	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.95	232	293972	21.02	ng/ul	100
56) Diethylphthalate	15.16	149	1408438	24.93	ng/ul	100
58) Fluorene	15.38	166	1211944	23.15	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.38	204	561429	21.84	ng/ul	100
60) 4-Nitroaniline	15.40	138	276240	22.62	ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.46	198	122029	13.98	ng/ul	100
64) N-Nitrosodiphenylamine	15.59	169	1120904	22.99	ng/ul	100
65) 4-Bromophenyl-phenylether	16.27	248	381673	21.66	ng/ul	100
66) Hexachlorobenzene	16.38	284	427723	21.41	ng/ul	100
67) Atrazine	16.54	200	390484	21.81	ng/ul	100
68) Pentachlorophenol	16.72	266	221115	18.96	ng/ul	100
69) Phenanthrene	17.12	178	2070101	23.01	ng/ul	100
71) Anthracene	17.21	178	2084326	22.79	ng/ul	100
72) Carbazole	17.48	167	2014727	24.92	ng/ul	100
73) Di-n-butylphthalate	18.06	149	2529947	25.45	ng/ul	100
74) Fluoranthene	19.14	202	2478122	24.32	ng/ul	100
77) Pyrene	19.50	202	2531533	24.13	ng/ul	100
78) Butylbenzylphthalate	20.42	149	1169809	25.86	ng/ul	100
79) 3,3'-Dichlorobenzidine	21.19	252	813360	24.94	ng/ul	100
80) Benzo(a)anthracene	21.26	228	2466540	23.22	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.20	149	1696022	26.38	ng/ul	100
82) Chrysene	21.31	228	2336567	23.19	ng/ul	100
84) Di-n-octyl phthalate	22.09	149	3060084	27.24	ng/ul	100
85) Benzo(b)fluoranthene	22.83	252	2541188	22.97	ng/ul	100
86) Benzo(k)fluoranthene	22.87	252	2477147	23.62	ng/ul	100
88) Benzo(a)pyrene	23.40	252	2425053	22.75	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.73	276	2515026	20.48	ng/ul	100
90) Dibenzo(a,h)anthracene	25.74	278	2085729	20.44	ng/ul	100
91) Benzo(g,h,i)perylene	26.41	276	2081723	20.19	ng/ul	100

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

