

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090616\
 Data File : BM007431.D
 Acq On : 07 Sep 2016 01:31
 Operator : UM/SJ
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02046

Manual Integrations
 APPROVED

sohil
 9/7/2016 8:00:25 AM

Quant Time: Sep 07 02:02:10 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 07 01:17:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	287390	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	1420814	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	989701	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	2581314	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	3224176	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	3108006	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	45748	8.14	ng/uL	0.00
5) Phenol-d5	6.96	99	554652	20.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	296180	20.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	413306	20.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	480652	20.30	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	222267	21.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	263180	21.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	505398	20.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	641188	21.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1733473	20.30	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	2060452	20.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	316641	19.64	ng/ul	0.00
57) Fluorene-d10	15.42	176	1500079	20.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	339538	20.92	ng/ul	0.00
70) Anthracene-d10	17.27	188	2492374	20.67	ng/ul	0.00
76) Pyrene-d10	19.56	212	3012455	22.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	2922756	20.42	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.34	88	47914	7.64	ng/uL	95
4) Benzaldehyde	6.94	77	350880	22.69	ng/ul	98
6) Phenol	6.99	94	574025	20.39	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.22	93	405930	20.69	ng/ul	98
10) 2-Chlorophenol	7.36	128	426765	20.77	ng/ul	98
11) 2-Methylphenol	8.23	108	451371	20.51	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.33	45	452338	20.49	ng/ul	96
14) Acetophenone	8.61	105	743942	20.49	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.60	70	391150	20.27	ng/ul	95
16) 4-Methylphenol	8.56	108	500149	20.25	ng/ul	96
17) Hexachloroethane	8.86	117	164911	20.64	ng/ul	97
20) Nitrobenzene	8.99	77	565399	21.10	ng/ul	99
21) Isophorone	9.51	82	1108414	20.31	ng/ul	99
23) 2-Nitrophenol	9.70	139	278319	21.02	ng/ul	96
24) 2,4-Dimethylphenol	9.76	107	608552	20.84	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.99	93	623053	20.26	ng/ul	98
27) 2,4-Dichlorophenol	10.23	162	500484	20.78	ng/ul	99
28) Naphthalene	10.63	128	1451022	20.53	ng/ul	99
30) 4-Chloroaniline	10.74	127	665490	21.37	ng/ul	98
31) Hexachlorobutadiene	10.91	225	335884	20.64	ng/ul	98
32) Caprolactam	11.51	113	188383m	19.42	ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	617422	20.71	ng/ul	95
34) 2-Methylnaphthalene	12.24	142	1171344	20.25	ng/ul	99

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36) 1,2,4,5-Tetrachlorobenzene	12.61	216	705505	21.41	ng/ul	96
37) Hexachlorocyclopentadiene	12.59	237	327997	16.50	ng/ul	98
38) 2,4,6-Trichlorophenol	12.86	196	482046	20.68	ng/ul	99
39) 2,4,5-Trichlorophenol	12.93	196	510403	21.01	ng/ul	99
40) 1,1'-Biphenyl	13.26	154	1593894	20.77	ng/ul	99
41) 2-Chloronaphthalene	13.30	162	1240743	20.62	ng/ul	98
42) 2-Nitroaniline	13.51	65	424666	21.60	ng/ul	99
44) Dimethylphthalate	13.89	163	1701624	20.01	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	375577	21.60	ng/ul	96
47) Acenaphthylene	14.15	152	2109519	20.71	ng/ul	100
48) 3-Nitroaniline	14.34	138	383073	21.59	ng/ul	99
49) Acenaphthene	14.49	153	1367511	20.64	ng/ul	100
50) 2,4-Dinitrophenol	14.55	184	224686	19.06	ng/ul	91
52) 4-Nitrophenol	14.65	109	335361	19.56	ng/ul	89
53) Dibenzofuran	14.83	168	2022873	20.40	ng/ul	96
54) 2,4-Dinitrotoluene	14.80	165	564921	21.20	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.05	232	516042	20.70	ng/ul#	97
56) Diethylphthalate	15.25	149	1776254	20.02	ng/ul	99
58) Fluorene	15.47	166	1658791	20.31	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.47	204	863817	20.23	ng/ul	97
60) 4-Nitroaniline	15.51	138	416837	20.70	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.56	198	361012	20.84	ng/ul	99
64) N-Nitrosodiphenylamine	15.69	169	1503414	20.86	ng/ul	99
65) 4-Bromophenyl-phenylether	16.36	248	611678	20.99	ng/ul	98
66) Hexachlorobenzene	16.48	284	675222	20.69	ng/ul	97
67) Atrazine	16.64	200	635157	20.87	ng/ul	99
68) Pentachlorophenol	16.82	266	418298	19.86	ng/ul	98
69) Phenanthrene	17.22	178	2839077	20.49	ng/ul	100
71) Anthracene	17.30	178	2968378	20.75	ng/ul	99
72) Carbazole	17.57	167	2603887	20.94	ng/ul	99
73) Di-n-butylphthalate	18.13	149	3131574	20.02	ng/ul	99
74) Fluoranthene	19.23	202	3706579	21.31	ng/ul	99
77) Pyrene	19.59	202	3865754	22.35	ng/ul	98
78) Butylbenzylphthalate	20.49	149	1585635	22.03	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.27	252	1338925	20.92	ng/ul	98
80) Benzo(a)anthracene	21.33	228	3935969	20.71	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.26	149	2212368	21.19	ng/ul	99
82) Chrysene	21.39	228	3565620	20.71	ng/ul	98
84) Di-n-octyl phthalate	22.14	149	4076279	26.33	ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	4077124	22.19	ng/ul	99
86) Benzo(k)fluoranthene	22.98	252	3576690	21.06	ng/ul	100
88) Benzo(a)pyrene	23.53	252	3622111	20.60	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.91	276	3686623	17.08	ng/ul	99
90) Dibenzo(a,h)anthracene	25.92	278	3093323	17.23	ng/ul	99
91) Benzo(g,h,i)perylene	26.61	276	3039356	16.59	ng/ul	97

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

