

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012315\
 Data File : BM000309.D
 Acq On : 23 Jan 2015 23:42
 Operator : TP/IZ
 Sample : SSTD04044
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD04044

Manual Integrations
 APPROVED

apatel
 1/26/2015 4:51:28 PM

Quant Time: Jan 24 03:54:35 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM01.2-EPA-BM012315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jan 24 03:06:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	181921	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	820931	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	624692	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	1369549	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	1583929	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	1492087	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	64773	19.44	ng/uL	0.00
5) Phenol-d5	6.98	99	657645	41.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	436037	43.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	472801	41.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	520094	41.36	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	258833	44.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	257055	44.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	539833	41.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	650987	44.38	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1877516	40.62	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	2273501	40.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	313375	41.93	ng/ul	0.01
57) Fluorene-d10	15.44	176	1636662	40.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	298484	42.38	ng/ul	0.00
70) Anthracene-d10	17.30	188	2616731	40.69	ng/ul	0.00
76) Pyrene-d10	19.59	212	2946198	40.06	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.53	264	2811567	41.27	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.34	88	85926	18.69	ng/uL	96
4) Benzaldehyde	6.96	77	462034	45.30	ng/ul	96
6) Phenol	7.00	94	694607	41.92	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.24	93	532352	41.65	ng/ul	99
10) 2-Chlorophenol	7.38	128	496507	42.02	ng/ul	98
11) 2-Methylphenol	8.25	108	514143	40.49	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.35	45	948756	44.80	ng/ul	99
14) Acetophenone	8.63	105	952853	43.46	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.63	70	511131	44.46	ng/ul	99
16) 4-Methylphenol	8.59	108	569254	41.20	ng/ul	96
17) Hexachloroethane	8.89	117	244694	43.78	ng/ul	97
20) Nitrobenzene	9.02	77	815718	45.92	ng/ul	97
21) Isophorone	9.54	82	1440863	43.11	ng/ul	99
23) 2-Nitrophenol	9.72	139	285193	44.26	ng/ul	95
24) 2,4-Dimethylphenol	9.78	107	748958	42.62	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.02	93	755145	40.99	ng/ul	98
27) 2,4-Dichlorophenol	10.25	162	533206	41.45	ng/ul	97
28) Naphthalene	10.66	128	1698355	40.19	ng/ul	99
30) 4-Chloroaniline	10.77	127	687909	45.19	ng/ul	99
31) Hexachlorobutadiene	10.94	225	401514	43.08	ng/ul	97
32) Caprolactam	11.54	113	164137m	39.12	ng/ul	
33) 4-Chloro-3-methylphenol	11.89	107	674957	42.40	ng/ul	98
34) 2-Methylnaphthalene	12.27	142	1315374	41.63	ng/ul	95

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36) 1,2,4,5-Tetrachlorobenzene	12.64	216	729746	41.38	ng/ul	98
37) Hexachlorocyclopentadiene	12.62	237	502052	42.93	ng/ul	98
38) 2,4,6-Trichlorophenol	12.88	196	451428	40.86	ng/ul	98
39) 2,4,5-Trichlorophenol	12.95	196	502511	41.91	ng/ul	96
40) 1,1'-Biphenyl	13.29	154	1823017	40.20	ng/ul	98
41) 2-Chloronaphthalene	13.33	162	1418405	40.71	ng/ul	95
42) 2-Nitroaniline	13.53	65	543594	47.57	ng/ul	98
44) Dimethylphthalate	13.91	163	1894599	40.96	ng/ul	100
45) 2,6-Dinitrotoluene	14.03	165	377674	45.34	ng/ul	96
47) Acenaphthylene	14.17	152	2365769	40.41	ng/ul	99
48) 3-Nitroaniline	14.36	138	367721	43.63	ng/ul	99
49) Acenaphthene	14.52	153	1543998	41.16	ng/ul	100
50) 2,4-Dinitrophenol	14.56	184	194304	44.87	ng/ul	89
52) 4-Nitrophenol	14.67	109	529723	50.74	ng/ul	95
53) Dibenzofuran	14.85	168	2249247	41.22	ng/ul	97
54) 2,4-Dinitrotoluene	14.82	165	588745	46.70	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.08	232	449839	43.81	ng/ul	99
56) Diethylphthalate	15.27	149	2033657	41.70	ng/ul	98
58) Fluorene	15.50	166	1866492	41.31	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.49	204	914547	40.78	ng/ul	99
60) 4-Nitroaniline	15.53	138	409745	42.69	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.59	198	308915	42.93	ng/ul	97
64) N-Nitrosodiphenylamine	15.71	169	1573059	39.37	ng/ul	98
65) 4-Bromophenyl-phenylether	16.39	248	586548	41.03	ng/ul	97
66) Hexachlorobenzene	16.50	284	687163	41.60	ng/ul	99
67) Atrazine	16.66	200	598173	38.56	ng/ul	99
68) Pentachlorophenol	16.84	266	377469	38.81	ng/ul	96
69) Phenanthrene	17.24	178	3049563	40.56	ng/ul	98
71) Anthracene	17.33	178	3138717	40.57	ng/ul	99
72) Carbazole	17.60	167	2801112	40.57	ng/ul	99
73) Di-n-butylphthalate	18.16	149	3372178	41.46	ng/ul	100
74) Fluoranthene	19.26	202	3683524	42.60	ng/ul	100
77) Pyrene	19.62	202	3869480	40.25	ng/ul	98
78) Butylbenzylphthalate	20.52	149	1390509	37.84	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.30	252	1030840	37.17	ng/ul	99
80) Benzo(a)anthracene	21.37	228	3739199	40.26	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.29	149	2092826	38.80	ng/ul	100
82) Chrysene	21.42	228	3517740	41.23	ng/ul	100
84) Di-n-octyl phthalate	22.18	149	3713790	37.59	ng/ul	100
85) Benzo(b)fluoranthene	22.98	252	3786562	40.20	ng/ul	99
86) Benzo(k)fluoranthene	23.03	252	3567277	42.52	ng/ul	99
88) Benzo(a)pyrene	23.57	252	3488634	41.35	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.00	276	3715551	41.57	ng/ul	99
90) Dibenzo(a,h)anthracene	26.00	278	3107331	41.38	ng/ul	97
91) Benzo(g,h,i)perylene	26.71	276	3068391	41.77	ng/ul	98

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

