

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102417\
 Data File : BM012421.D
 Acq On : 24 Oct 2017 17:32
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02056

Manual Integrations
 APPROVED

Sohil
 10/25/2017 3:35:51 PM

Quant Time: Oct 25 00:48:08 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 24 14:58:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	357656	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	1603785	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1114121	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	2841979	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	3408515	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	3457957	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	54581	7.79	ng/uL	0.00
5) Phenol-d5	7.04	99	562007	18.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	342283	19.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	423306	18.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	488600	19.13	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	197769	19.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	202086	19.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	517308	18.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	628225	21.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	1813675	18.63	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	2148141	18.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	276215	19.09	ng/ul	0.00
57) Fluorene-d10	15.50	176	1537699	18.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	230751	16.78	ng/ul	0.00
70) Anthracene-d10	17.34	188	2504668	18.49	ng/ul	0.00
76) Pyrene-d10	19.63	212	2923666	18.70	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	3058574	18.62	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.40	88	57463	7.685	ng/uL# 70
4) Benzaldehyde	7.02	77	396037	24.377	ng/ul 96
6) Phenol	7.07	94	581477	18.692	ng/ul 90
8) Bis(2-Chloroethyl)ether	7.30	93	440634	19.261	ng/ul 97
10) 2-Chlorophenol	7.45	128	439905	19.209	ng/ul 96
11) 2-Methylphenol	8.32	108	445227	18.982	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.42	45	496048	19.734	ng/ul# 79
14) Acetophenone	8.70	105	779141	19.420	ng/ul 94
15) N-Nitroso-di-n-propylamine	8.69	70	432820	19.768	ng/ul# 66
16) 4-Methylphenol	8.65	108	489678	19.074	ng/ul 93
17) Hexachloroethane	8.96	117	181714	18.725	ng/ul 86
20) Nitrobenzene	9.07	77	582500	20.132	ng/ul 98
21) Isophorone	9.60	82	1153693	18.841	ng/ul 95
23) 2-Nitrophenol	9.79	139	228675	19.889	ng/ul# 84
24) 2,4-Dimethylphenol	9.85	107	608074	18.798	ng/ul 90
25) Bis(2-Chloroethoxy)methane	10.09	93	648940	18.858	ng/ul 95
27) 2,4-Dichlorophenol	10.32	162	506690	18.948	ng/ul# 87
28) Naphthalene	10.72	128	1478569	18.593	ng/ul 100
30) 4-Chloroaniline	10.83	127	621716	21.360	ng/ul 94
31) Hexachlorobutadiene	11.02	225	377610	18.406	ng/ul 95
32) Caprolactam	11.59	113	169251m	19.543	ng/ul
33) 4-Chloro-3-methylphenol	11.95	107	575024	19.140	ng/ul 98
34) 2-Methylnaphthalene	12.33	142	1213398	18.790	ng/ul 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	730877	18.525	ng/ul	97
37) Hexachlorocyclopentadiene	12.69	237	435966	17.111	ng/ul	100
38) 2,4,6-Trichlorophenol	12.94	196	455786	19.292	ng/ul	97
39) 2,4,5-Trichlorophenol	13.01	196	490268	19.578	ng/ul	98
40) 1,1'-Biphenyl	13.34	154	1659245	18.667	ng/ul	99
41) 2-Chloronaphthalene	13.39	162	1298911	18.629	ng/ul	98
42) 2-Nitroaniline	13.58	65	345778	21.324	ng/ul	97
44) Dimethylphthalate	13.97	163	1787009	18.561	ng/ul	99
45) 2,6-Dinitrotoluene	14.08	165	311563	20.365	ng/ul#	96
47) Acenaphthylene	14.23	152	2067791	18.819	ng/ul	100
48) 3-Nitroaniline	14.40	138	295704	20.627	ng/ul#	98
49) Acenaphthene	14.57	153	1400282	18.606	ng/ul	99
50) 2,4-Dinitrophenol	14.61	184	143898	16.756	ng/ul	89
52) 4-Nitrophenol	14.71	109	285573	19.454	ng/ul#	83
53) Dibenzofuran	14.91	168	2085696	18.727	ng/ul	99
54) 2,4-Dinitrotoluene	14.86	165	486633	21.237	ng/ul	88
55) 2,3,4,6-Tetrachlorophenol	15.13	232	444723	19.188	ng/ul	95
56) Diethylphthalate	15.33	149	1835527	18.702	ng/ul	94
58) Fluorene	15.56	166	1746025	18.536	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.55	204	943310	18.405	ng/ul	96
60) 4-Nitroaniline	15.57	138	352131	19.594	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.63	198	257447	17.019	ng/ul#	90
64) N-Nitrosodiphenylamine	15.76	169	1536278	18.601	ng/ul	100
65) 4-Bromophenyl-phenylether	16.44	248	629388	18.487	ng/ul	97
66) Hexachlorobenzene	16.56	284	692636	18.392	ng/ul	93
67) Atrazine	16.71	200	660992	18.611	ng/ul	94
68) Pentachlorophenol	16.90	266	364729	17.708	ng/ul	99
69) Phenanthrene	17.29	178	2847838	18.530	ng/ul	99
71) Anthracene	17.38	178	2959940	18.634	ng/ul	99
72) Carbazole	17.64	167	2586078	19.654	ng/ul	99
73) Di-n-butylphthalate	18.22	149	3136652	18.693	ng/ul	98
74) Fluoranthene	19.30	202	3625958	20.821	ng/ul#	94
77) Pyrene	19.66	202	3723124	19.208	ng/ul#	94
78) Butylbenzylphthalate	20.56	149	1439804	18.854	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.33	252	1393679	18.631	ng/ul	97
80) Benzo(a)anthracene	21.40	228	3917024	19.191	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.34	149	2193332	18.878	ng/ul	99
82) Chrysene	21.46	228	3480550	19.179	ng/ul	99
84) Di-n-octyl phthalate	22.24	149	3683809	20.538	ng/ul	99
85) Benzo(b)fluoranthene	23.03	252	4105333	19.205	ng/ul#	98
86) Benzo(k)fluoranthene	23.07	252	3789668	18.836	ng/ul#	98
88) Benzo(a)pyrene	23.62	252	3805886	18.674	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.06	276	4258666	17.754	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.08	278	3613993	17.772	ng/ul#	96
91) Benzo(g,h,i)perylene	26.78	276	3375298	17.363	ng/ul#	97

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

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