

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM022618\
 Data File : BM014359.D
 Acq On : 26 Feb 2018 16:47
 Operator : SJ/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02004

Manual Integrations
 APPROVED

Sohil
 2/27/2018 4:57:53 PM

Quant Time: Feb 27 03:09:50 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 27 01:33:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	133354	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	624540	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	378747	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	875355	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	727062	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	545853	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	21155	6.79	ng/uL	0.00
5) Phenol-d5	6.72	99	222197	19.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	135491	19.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	171137	19.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	188676	19.13	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	90602	19.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	100357	21.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	192436	19.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	214037	21.96	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	616150	19.70	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	789242	20.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	78375	18.15	ng/ul	0.00
57) Fluorene-d10	15.18	176	526168	18.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.33	200	98233	18.71	ng/ul	0.00
70) Anthracene-d10	17.04	188	827128	19.58	ng/ul	0.00
76) Pyrene-d10	19.34	212	839707	22.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.18	264	509101	19.16	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.14	88	23814	6.880	ng/uL# 60
4) Benzaldehyde	6.69	77	103141m	22.446	ng/ul
6) Phenol	6.75	94	221257	18.708	ng/ul 95
8) Bis(2-Chloroethyl)ether	6.97	93	170542	19.874	ng/ul 94
10) 2-Chlorophenol	7.09	128	176195	19.968	ng/ul 96
11) 2-Methylphenol	7.97	108	173110	19.136	ng/ul 94
12) 2,2'-oxybis(1-Chloropropan	8.05	45	182595	21.085	ng/ul# 72
14) Acetophenone	8.35	105	304134	17.875	ng/ul 95
15) N-Nitroso-di-n-propylamine	8.33	70	163142	19.134	ng/ul# 72
16) 4-Methylphenol	8.30	108	191456	19.422	ng/ul 100
17) Hexachloroethane	8.57	117	83335	18.129	ng/ul# 79
20) Nitrobenzene	8.72	77	254566	18.650	ng/ul 97
21) Isophorone	9.25	82	449122	19.236	ng/ul 97
23) 2-Nitrophenol	9.43	139	105511	20.393	ng/ul 95
24) 2,4-Dimethylphenol	9.49	107	237183	18.699	ng/ul 88
25) Bis(2-Chloroethoxy)methane	9.73	93	242977	19.757	ng/ul 98
27) 2,4-Dichlorophenol	9.96	162	182501	19.440	ng/ul# 91
28) Naphthalene	10.34	128	622925	19.420	ng/ul 99
30) 4-Chloroaniline	10.47	127	220964	22.227	ng/ul 97
31) Hexachlorobutadiene	10.62	225	130895	17.575	ng/ul 96
32) Caprolactam	11.26	113	57348m	19.073	ng/ul
33) 4-Chloro-3-methylphenol	11.62	107	212324	18.718	ng/ul 96
34) 2-Methylnaphthalene	11.97	142	464747	19.036	ng/ul 92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.35	216	245687	20.208	ng/ul#	92
37) Hexachlorocyclopentadiene	12.31	237	98334	14.862	ng/ul	99
38) 2,4,6-Trichlorophenol	12.60	196	156207	20.594	ng/ul	89
39) 2,4,5-Trichlorophenol	12.68	196	159621	20.592	ng/ul	98
40) 1,1'-Biphenyl	13.00	154	616487	21.130	ng/ul	97
41) 2-Chloronaphthalene	13.04	162	492167	21.117	ng/ul	94
42) 2-Nitroaniline	13.27	65	159334	20.205	ng/ul	97
44) Dimethylphthalate	13.65	163	610154	19.783	ng/ul	100
45) 2,6-Dinitrotoluene	13.78	165	121173	20.679	ng/ul#	82
47) Acenaphthylene	13.90	152	751055	20.603	ng/ul	99
48) 3-Nitroaniline	14.12	138	101016	20.339	ng/ul#	99
49) Acenaphthene	14.24	153	517629	20.165	ng/ul	99
50) 2,4-Dinitrophenol	14.34	184	52002	16.501	ng/ul#	74
52) 4-Nitrophenol	14.44	109	86284	15.240	ng/ul#	76
53) Dibenzofuran	14.59	168	745862	19.378	ng/ul	93
54) 2,4-Dinitrotoluene	14.59	165	182946	19.486	ng/ul#	62
55) 2,3,4,6-Tetrachlorophenol	14.82	232	147768	18.851	ng/ul#	78
56) Diethylphthalate	15.03	149	636600	18.523	ng/ul	94
58) Fluorene	15.24	166	627390	18.881	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.24	204	320265	18.427	ng/ul	91
60) 4-Nitroaniline	15.29	138	91207	16.376	ng/ul#	64
63) 4,6-Dinitro-2-methylphenol	15.35	198	100310	18.769	ng/ul	91
64) N-Nitrosodiphenylamine	15.46	169	513380	20.409	ng/ul	97
65) 4-Bromophenyl-phenylether	16.13	248	192072	19.664	ng/ul#	88
66) Hexachlorobenzene	16.24	284	199076	19.381	ng/ul#	81
67) Atrazine	16.43	200	196586	19.788	ng/ul	97
68) Pentachlorophenol	16.60	266	99638	18.511	ng/ul	93
69) Phenanthrene	16.98	178	962663	19.087	ng/ul	98
71) Anthracene	17.07	178	978938	19.300	ng/ul	99
72) Carbazole	17.36	167	783442	18.369	ng/ul	99
73) Di-n-butylphthalate	17.92	149	1077504	19.583	ng/ul	99
74) Fluoranthene	19.01	202	1088898	18.071	ng/ul#	94
77) Pyrene	19.37	202	1066889	22.080	ng/ul#	93
78) Butylbenzylphthalate	20.29	149	461181	23.084	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.07	252	239792	18.759	ng/ul#	91
80) Benzo(a)anthracene	21.13	228	897517	19.780	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.07	149	642325	22.449	ng/ul#	98
82) Chrysene	21.19	228	819619	19.363	ng/ul	100
84) Di-n-octyl phthalate	21.93	149	954913	20.387	ng/ul#	95
85) Benzo(b)fluoranthene	22.67	252	678014	18.551	ng/ul#	99
86) Benzo(k)fluoranthene	22.72	252	670704	19.301	ng/ul#	97
88) Benzo(a)pyrene	23.23	252	615800	18.855	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.47	276	649495	20.493	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.48	278	543832	20.651	ng/ul#	97
91) Benzo(g,h,i)perylene	26.13	276	535087	20.841	ng/ul#	96

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

