

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
 Data File : BM014394.D
 Acq On : 27 Feb 2018 22:02
 Operator : SJ/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 SSTD02006

Manual Integrations
 APPROVED

Sohil
 2/28/2018 1:59:30 PM

Quant Time: Feb 28 03:15:44 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 28 00:45:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	96348	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	409910	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	228487	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	506587	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	475729	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	470533	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	15699	6.97	ng/uL	0.00
5) Phenol-d5	6.72	99	151609	18.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	95372	19.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	126769	20.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	124873	17.53	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	61588	20.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	67581	21.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	124219	19.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	138110	21.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	361762	19.17	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	474968	20.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	45701	17.54	ng/ul	0.01
57) Fluorene-d10	15.18	176	305293	18.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	33857	11.14	ng/ul	0.00
70) Anthracene-d10	17.04	188	471210	19.28	ng/ul	0.00
76) Pyrene-d10	19.35	212	507475	20.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	439683	19.20	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.13	88	16129	6.450	ng/uL# 73
4) Benzaldehyde	6.69	77	75329m	22.689	ng/ul
6) Phenol	6.75	94	155706	18.222	ng/ul 90
8) Bis(2-Chloroethyl)ether	6.96	93	119027	19.198	ng/ul 94
10) 2-Chlorophenol	7.09	128	128626	20.176	ng/ul 100
11) 2-Methylphenol	7.98	108	119565	18.294	ng/ul 91
12) 2,2'-oxybis(1-Chloropropan	8.04	45	124065m	19.829	ng/ul
14) Acetophenone	8.35	105	198307	16.132	ng/ul 94
15) N-Nitroso-di-n-propylamine	8.33	70	107262	17.412	ng/ul# 73
16) 4-Methylphenol	8.31	108	124865	17.532	ng/ul 90
17) Hexachloroethane	8.57	117	58007	17.466	ng/ul# 64
20) Nitrobenzene	8.72	77	170992	19.087	ng/ul 98
21) Isophorone	9.24	82	286322	18.684	ng/ul 99
23) 2-Nitrophenol	9.43	139	68459	20.160	ng/ul 90
24) 2,4-Dimethylphenol	9.49	107	153989	18.497	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.72	93	158784	19.671	ng/ul 94
27) 2,4-Dichlorophenol	9.96	162	121435	19.709	ng/ul# 90
28) Naphthalene	10.34	128	396281	18.823	ng/ul 100
30) 4-Chloroaniline	10.47	127	144411	22.133	ng/ul 96
31) Hexachlorobutadiene	10.61	225	90984	18.612	ng/ul 94
32) Caprolactam	11.27	113	37400m	18.951	ng/ul
33) 4-Chloro-3-methylphenol	11.62	107	134126	18.015	ng/ul 99
34) 2-Methylnaphthalene	11.97	142	281466	17.565	ng/ul 87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.35	216	151588	20.668	ng/ul#	97
37) Hexachlorocyclopentadiene	12.31	237	15231	3.816	ng/ul#	84
38) 2,4,6-Trichlorophenol	12.60	196	96607	21.112	ng/ul	93
39) 2,4,5-Trichlorophenol	12.69	196	103283m	22.087	ng/ul	
40) 1,1'-Biphenyl	13.00	154	367423	20.875	ng/ul#	96
41) 2-Chloronaphthalene	13.04	162	293692	20.888	ng/ul	92
42) 2-Nitroaniline	13.27	65	96004	20.180	ng/ul	96
44) Dimethylphthalate	13.65	163	363879	19.557	ng/ul	97
45) 2,6-Dinitrotoluene	13.78	165	75190	21.270	ng/ul#	82
47) Acenaphthylene	13.90	152	458739	20.860	ng/ul	96
48) 3-Nitroaniline	14.12	138	69815	23.302	ng/ul	92
49) Acenaphthene	14.24	153	310266	20.036	ng/ul	97
50) 2,4-Dinitrophenol	14.36	184	17083	8.985	ng/ul#	66
52) 4-Nitrophenol	14.46	109	57766	16.913	ng/ul#	70
53) Dibenzofuran	14.59	168	439502	18.928	ng/ul	98
54) 2,4-Dinitrotoluene	14.59	165	109821	19.390	ng/ul#	81
55) 2,3,4,6-Tetrachlorophenol	14.83	232	84016	17.766	ng/ul#	75
56) Diethylphthalate	15.02	149	371503	17.918	ng/ul	94
58) Fluorene	15.24	166	358240	17.871	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.23	204	187686	17.901	ng/ul	91
60) 4-Nitroaniline	15.29	138	64997	19.344	ng/ul#	69
63) 4,6-Dinitro-2-methylphenol	15.36	198	38432m	12.426	ng/ul	
64) N-Nitrosodiphenylamine	15.46	169	303771	20.867	ng/ul	98
65) 4-Bromophenyl-phenylether	16.13	248	107676	19.048	ng/ul#	85
66) Hexachlorobenzene	16.24	284	112459	18.918	ng/ul#	78
67) Atrazine	16.43	200	106655	18.551	ng/ul	93
68) Pentachlorophenol	16.60	266	54801	17.593	ng/ul	87
69) Phenanthrene	16.98	178	559003	19.152	ng/ul	98
71) Anthracene	17.07	178	559914	19.075	ng/ul	99
72) Carbazole	17.36	167	477269	19.337	ng/ul	97
73) Di-n-butylphthalate	17.92	149	617310	19.386	ng/ul	98
74) Fluoranthene	19.01	202	636059	18.240	ng/ul#	91
77) Pyrene	19.38	202	645256	20.409	ng/ul#	96
78) Butylbenzylphthalate	20.29	149	276661	21.164	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.08	252	149538	17.879	ng/ul#	94
80) Benzo(a)anthracene	21.14	228	584701	19.693	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.07	149	375238	20.043	ng/ul#	95
82) Chrysene	21.19	228	529356	19.112	ng/ul	99
84) Di-n-octyl phthalate	21.93	149	629127	15.581	ng/ul#	92
85) Benzo(b)fluoranthene	22.68	252	563244	17.877	ng/ul#	98
86) Benzo(k)fluoranthene	22.72	252	527822	17.621	ng/ul#	99
88) Benzo(a)pyrene	23.24	252	532929	18.929	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.49	276	624281	22.851	ng/ul#	92
90) Dibenzo(a,h)anthracene	25.50	278	525913	23.167	ng/ul#	97
91) Benzo(g,h,i)perylene	26.15	276	518833	23.443	ng/ul	98

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

