

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022118\
 Data File : BM014318.D
 Acq On : 21 Feb 2018 09:23
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02048

Manual Integrations
 APPROVED

Sohil
 2/22/2018 11:56:12 AM

Quant Time: Feb 22 03:32:12 2018
 Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 20 03:49:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	68007	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	333129	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	246869	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	639485	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	684563	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	571370	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.11	96	13284	8.36	ng/uL	0.00
5) Phenol-d5	6.72	99	112611	19.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	73020	20.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	92261	20.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	96889	19.26	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	46687	18.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	49698	19.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	100100	18.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	116028	22.32	ng/ul	0.00
43) Dimethylphthalate-d6	13.61	166	404009	19.82	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	507883	20.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	43485	15.45	ng/ul	0.00
57) Fluorene-d10	15.19	176	373838	20.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	67451	17.58	ng/ul	0.00
70) Anthracene-d10	17.04	188	622976	20.19	ng/ul	0.00
76) Pyrene-d10	19.34	212	699569	19.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.18	264	553398	19.90	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.14	88	15763m	8.930	ng/uL
4) Benzaldehyde	6.70	77	53018	22.624	ng/ul
6) Phenol	6.75	94	116824	19.369	ng/ul
8) Bis(2-Chloroethyl)ether	6.97	93	82642	18.884	ng/ul
10) 2-Chlorophenol	7.10	128	87649	19.478	ng/ul
11) 2-Methylphenol	7.99	108	90607	19.640	ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.06	45	83271m	18.855	ng/ul
14) Acetophenone	8.36	105	171650	19.782	ng/ul#
15) N-Nitroso-di-n-propylamine	8.34	70	93285	21.454	ng/ul
16) 4-Methylphenol	8.32	108	95196	18.936	ng/ul
17) Hexachloroethane	8.58	117	48973	20.891	ng/ul#
20) Nitrobenzene	8.73	77	144798	19.888	ng/ul#
21) Isophorone	9.25	82	245277	19.695	ng/ul
23) 2-Nitrophenol	9.43	139	56257	20.385	ng/ul
24) 2,4-Dimethylphenol	9.50	107	135891	20.085	ng/ul
25) Bis(2-Chloroethoxy)methane	9.73	93	130704	19.925	ng/ul
27) 2,4-Dichlorophenol	9.96	162	94282	18.829	ng/ul#
28) Naphthalene	10.35	128	336666	19.677	ng/ul
30) 4-Chloroaniline	10.49	127	116439	21.959	ng/ul
31) Hexachlorobutadiene	10.62	225	82938	20.877	ng/ul
32) Caprolactam	11.27	113	31155m	19.426	ng/ul
33) 4-Chloro-3-methylphenol	11.62	107	121359	20.058	ng/ul
34) 2-Methylnaphthalene	11.97	142	267903	20.572	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.35	216	153705	19.396	ng/ul#	98
37) Hexachlorocyclopentadiene	12.32	237	74483	17.271	ng/ul	95
38) 2,4,6-Trichlorophenol	12.61	196	98121	19.846	ng/ul	98
39) 2,4,5-Trichlorophenol	12.69	196	91269	18.064	ng/ul	99
40) 1,1'-Biphenyl	13.01	154	377226	19.836	ng/ul	98
41) 2-Chloronaphthalene	13.04	162	299488	19.715	ng/ul	96
42) 2-Nitroaniline	13.28	65	103492	20.134	ng/ul#	87
44) Dimethylphthalate	13.66	163	394200	19.609	ng/ul	99
45) 2,6-Dinitrotoluene	13.79	165	77972	20.415	ng/ul#	68
47) Acenaphthylene	13.90	152	476913	20.071	ng/ul	99
48) 3-Nitroaniline	14.12	138	57345	17.714	ng/ul	95
49) Acenaphthene	14.24	153	337333	20.162	ng/ul	100
50) 2,4-Dinitrophenol	14.35	184	29311	14.269	ng/ul#	53
52) 4-Nitrophenol	14.44	109	56425	15.290	ng/ul#	64
53) Dibenzofuran	14.59	168	515773	20.559	ng/ul	94
54) 2,4-Dinitrotoluene	14.59	165	128305	20.966	ng/ul#	48
55) 2,3,4,6-Tetrachlorophenol	14.83	232	102785	20.117	ng/ul#	76
56) Diethylphthalate	15.03	149	450865	20.127	ng/ul#	92
58) Fluorene	15.24	166	434737	20.073	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.24	204	228866	20.203	ng/ul#	87
60) 4-Nitroaniline	15.30	138	58752m	16.183	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.35	198	66700	17.083	ng/ul#	90
64) N-Nitrosodiphenylamine	15.46	169	359138	19.543	ng/ul	97
65) 4-Bromophenyl-phenylether	16.14	248	142953	20.034	ng/ul#	88
66) Hexachlorobenzene	16.24	284	151637	20.208	ng/ul#	71
67) Atrazine	16.43	200	144819	19.954	ng/ul	98
68) Pentachlorophenol	16.60	266	70940	18.041	ng/ul	97
69) Phenanthrene	16.99	178	730497	19.826	ng/ul	99
71) Anthracene	17.07	178	735765	19.857	ng/ul	99
72) Carbazole	17.36	167	581307	18.657	ng/ul	97
73) Di-n-butylphthalate	17.92	149	807013	20.077	ng/ul	99
74) Fluoranthene	19.02	202	877476	19.934	ng/ul#	98
77) Pyrene	19.37	202	885089	19.455	ng/ul#	90
78) Butylbenzylphthalate	20.29	149	368826	19.607	ng/ul#	91
79) 3,3'-Dichlorobenzidine	21.08	252	216851	18.018	ng/ul#	94
80) Benzo(a)anthracene	21.13	228	857215	20.064	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.07	149	530938	19.708	ng/ul#	95
82) Chrysene	21.19	228	805970	20.222	ng/ul	98
84) Di-n-octyl phthalate	21.93	149	848832	17.312	ng/ul	96
85) Benzo(b)fluoranthene	22.67	252	772577	20.194	ng/ul#	98
86) Benzo(k)fluoranthene	22.71	252	713511	19.616	ng/ul#	97
88) Benzo(a)pyrene	23.23	252	666827	19.505	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.47	276	641512	19.338	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.49	278	532004	19.300	ng/ul#	97
91) Benzo(g,h,i)perylene	26.13	276	519642	19.336	ng/ul#	94

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

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