

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062017\
 Data File : BM010596.D
 Acq On : 20 Jun 2017 18:55
 Operator : SJ/MA
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV38

Quant Time: Jun 20 19:48:52 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 20 19:00:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	80439	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	366067	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	254837	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	666112	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	803370	20.00	ng/ul	0.00
83) Perylene-d12	23.23	264	692583	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	11815	8.42	ng/uL	0.00
5) Phenol-d5	6.65	99	140567	18.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	81081	18.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	105120	19.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	121600	19.14	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	52452	20.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	61448	20.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	125804	19.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	155378	23.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.54	166	450573	20.14	ng/ul	0.00
46) Acenaphthylene-d8	13.81	160	526786	20.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	76855	19.52	ng/ul	0.00
57) Fluorene-d10	15.12	176	391326	20.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	78095	19.09	ng/ul	0.00
70) Anthracene-d10	16.97	188	644994	20.05	ng/ul	0.00
76) Pyrene-d10	19.28	212	754487	20.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.10	264	676122	20.20	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.10	88	12789	8.155	ng/uL# 37
4) Benzaldehyde	6.62	77	100386	22.259	ng/ul 92
6) Phenol	6.68	94	146681	18.585	ng/ul# 88
8) Bis(2-Chloroethyl)ether	6.91	93	110140	19.168	ng/ul 94
10) 2-Chlorophenol	7.04	128	105784	19.687	ng/ul 99
11) 2-Methylphenol	7.91	108	113291	18.833	ng/ul 95
12) 2,2'-oxybis(1-Chloropropan	8.01	45	75959	18.937	ng/ul# 91
14) Acetophenone	8.28	105	198608	19.146	ng/ul# 89
15) N-Nitroso-di-n-propylamine	8.27	70	109884	19.658	ng/ul# 89
16) 4-Methylphenol	8.24	108	121850	18.410	ng/ul 96
17) Hexachloroethane	8.53	117	47726	19.975	ng/ul# 79
20) Nitrobenzene	8.66	77	152103	19.960	ng/ul 98
21) Isophorone	9.17	82	291038	19.215	ng/ul 98
23) 2-Nitrophenol	9.36	139	66328	20.783	ng/ul 94
24) 2,4-Dimethylphenol	9.43	107	164057	20.211	ng/ul 96
25) Bis(2-Chloroethoxy)methane	9.66	93	163598	19.478	ng/ul 96
27) 2,4-Dichlorophenol	9.89	162	122562	19.877	ng/ul# 89
28) Naphthalene	10.28	128	360966	19.815	ng/ul 98
30) 4-Chloroaniline	10.40	127	151107	22.511	ng/ul 93
31) Hexachlorobutadiene	10.57	225	94337	20.287	ng/ul 95
32) Caprolactam	11.15	113	43239	19.981	ng/ul 99
33) 4-Chloro-3-methylphenol	11.53	107	158492	20.153	ng/ul 94
34) 2-Methylnaphthalene	11.90	142	295406	20.173	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.29	216	184073	20.466	ng/ul	99
37) Hexachlorocyclopentadiene	12.27	237	102992	19.920	ng/ul#	97
38) 2,4,6-Trichlorophenol	12.53	196	125983	20.512	ng/ul	96
39) 2,4,5-Trichlorophenol	12.60	196	130585	20.591	ng/ul	95
40) 1,1'-Biphenyl	12.95	154	402226	20.189	ng/ul#	98
41) 2-Chloronaphthalene	12.98	162	319560	20.384	ng/ul	96
42) 2-Nitroaniline	13.19	65	93662	20.423	ng/ul	94
44) Dimethylphthalate	13.59	163	447566	20.410	ng/ul	99
45) 2,6-Dinitrotoluene	13.70	165	82661	21.763	ng/ul#	92
47) Acenaphthylene	13.83	152	503642	20.321	ng/ul	98
48) 3-Nitroaniline	14.03	138	79391	20.724	ng/ul	100
49) Acenaphthene	14.19	153	336219	20.111	ng/ul	99
50) 2,4-Dinitrophenol	14.24	184	52287	19.007	ng/ul	92
52) 4-Nitrophenol	14.34	109	104362	20.893	ng/ul	98
53) Dibenzofuran	14.52	168	517873	20.454	ng/ul	96
54) 2,4-Dinitrotoluene	14.50	165	124409	21.112	ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	14.75	232	128654	20.052	ng/ul#	82
56) Diethylphthalate	14.97	149	461545	20.005	ng/ul	97
58) Fluorene	15.17	166	427805	20.181	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.18	204	235102	20.406	ng/ul	95
60) 4-Nitroaniline	15.20	138	90502	20.003	ng/ul	83
63) 4,6-Dinitro-2-methylphenol	15.26	198	84099	19.292	ng/ul	100
64) N-Nitrosodiphenylamine	15.40	169	373384	20.212	ng/ul	99
65) 4-Bromophenyl-phenylether	16.07	248	154032	20.196	ng/ul#	87
66) Hexachlorobenzene	16.18	284	160958	20.039	ng/ul#	86
67) Atrazine	16.36	200	164908	21.189	ng/ul	94
68) Pentachlorophenol	16.53	266	108848	19.221	ng/ul	94
69) Phenanthrene	16.92	178	717321	20.256	ng/ul	99
71) Anthracene	17.01	178	740322	20.292	ng/ul	99
72) Carbazole	17.28	167	628608	19.749	ng/ul	99
73) Di-n-butylphthalate	17.87	149	812918	20.085	ng/ul	99
74) Fluoranthene	18.94	202	919092	20.138	ng/ul#	94
77) Pyrene	19.31	202	939398	20.244	ng/ul#	94
78) Butylbenzylphthalate	20.24	149	356523	20.438	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.02	252	327520	20.379	ng/ul#	94
80) Benzo(a)anthracene	21.07	228	957531	20.467	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.03	149	535661	20.126	ng/ul#	99
82) Chrysene	21.13	228	851761	20.420	ng/ul	99
84) Di-n-octyl phthalate	21.89	149	888048	18.350	ng/ul#	93
85) Benzo(b)fluoranthene	22.60	252	895245	19.913	ng/ul#	99
86) Benzo(k)fluoranthene	22.64	252	862949	20.247	ng/ul#	98
88) Benzo(a)pyrene	23.14	252	830650	20.069	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.35	276	845227	19.690	ng/ul#	97
90) Dibenzo(a,h)anthracene	25.36	278	711382	19.886	ng/ul#	98
91) Benzo(g,h,i)perylene	26.00	276	672711	19.686	ng/ul#	97

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

