

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020719\
 Data File : BN004357.D
 Acq On : 07 Feb 2019 14:35
 Operator : JU/SJ
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 07 16:20:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 07 16:15:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	28310	20.00	ng/ul	0.00
18) Naphthalene-d8	10.54	136	143055	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	93613	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.14	188	229158	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	297937	20.00	ng/ul	0.00
86) Perylene-d12	23.61	264	332598	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	3962	8.41	ng/uL	0.00
5) Phenol-d5	6.91	99	44047	17.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	25826	20.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	38401	18.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	39981	18.44	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	19610	20.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	20895	21.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	44261	19.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	65997	26.63	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	159865	20.14	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	191219	20.33	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	29864	19.65	ng/ul	0.00
58) Fluorene-d10	15.39	176	132597	18.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	25927	19.40	ng/ul	0.00
71) Anthracene-d10	17.23	188	216036	19.67	ng/ul	0.00
79) Pyrene-d10	19.53	212	263273	19.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	319650	18.31	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.28	88	4597	7.934	ng/uL# 89
4) Benzaldehyde	6.90	77	28459	19.649	ng/ul 96
6) Phenol	6.93	94	46131	18.312	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.18	93	35626	19.770	ng/ul 97
10) 2-Chlorophenol	7.31	128	39484	19.383	ng/ul 98
11) 2-Methylphenol	8.18	108	37419	18.571	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.27	45	42413	19.858	ng/ul 98
14) Acetophenone	8.58	105	66186	20.479	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.55	70	29466	21.253	ng/ul 99
16) 4-Methylphenol	8.51	108	42705	19.149	ng/ul 98
17) Hexachloroethane	8.82	117	14388	20.173	ng/ul 93
20) Nitrobenzene	8.95	77	43029	20.767	ng/ul 100
21) Isophorone	9.47	82	87483	20.611	ng/ul 99
23) 2-Nitrophenol	9.66	139	24178	21.804	ng/ul 99
24) 2,4-Dimethylphenol	9.71	107	48496	19.388	ng/ul 97
25) Bis(2-Chloroethoxy)methane	9.96	93	54494	19.787	ng/ul 99
27) 2,4-Dichlorophenol	10.18	162	43725	19.759	ng/ul 99
28) Naphthalene	10.59	128	146961	19.925	ng/ul 99
30) 4-Chloroaniline	10.70	127	67694	27.284	ng/ul 98
31) Hexachlorobutadiene	10.86	225	29108	20.346	ng/ul 99
32) Caprolactam	11.47	113	14889	19.926	ng/ul 98
33) 4-Chloro-3-methylphenol	11.82	107	48601	20.364	ng/ul 99
34) 2-Methylnaphthalene	12.20	142	113306	20.027	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	108753	19.492	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.57	216	61951	19.879	ng/ul	99
38) Hexachlorocyclopentadiene	12.54	237	39900	20.593	ng/ul	98
39) 2,4,6-Trichlorophenol	12.81	196	38144	20.715	ng/ul	100
40) 2,4,5-Trichlorophenol	12.87	196	42702	20.643	ng/ul	97
41) 1,1'-Biphenyl	13.22	154	152682	20.185	ng/ul	100
42) 2-Chloronaphthalene	13.26	162	116458	19.794	ng/ul	100
43) 2-Nitroaniline	13.47	65	26290	21.890	ng/ul	98
45) Dimethylphthalate	13.85	163	157672	20.090	ng/ul	99
46) 2,6-Dinitrotoluene	13.97	165	33551	24.247	ng/ul	97
48) Acenaphthylene	14.12	152	196749	22.030	ng/ul	99
49) 3-Nitroaniline	14.30	138	35727	25.299	ng/ul	95
50) Acenaphthene	14.46	153	128410	19.960	ng/ul	99
51) 2,4-Dinitrophenol	14.50	184	15850	18.412	ng/ul	98
53) 4-Nitrophenol	14.60	109	22522	19.929	ng/ul	98
54) Dibenzofuran	14.79	168	187325	20.130	ng/ul	100
55) 2,4-Dinitrotoluene	14.76	165	46821	21.570	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.01	232	42883	22.721	ng/ul	99
57) Diethylphthalate	15.22	149	157155	20.291	ng/ul	100
59) Fluorene	15.44	166	151155	20.044	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.44	204	79337	19.882	ng/ul	99
61) 4-Nitroaniline	15.47	138	38643	21.025	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.52	198	27420	19.517	ng/ul	100
65) N-Nitrosodiphenylamine	15.65	169	135358	20.625	ng/ul	99
66) 4-Bromophenyl-phenylether	16.33	248	50977	19.909	ng/ul	99
67) Hexachlorobenzene	16.43	284	59673	19.896	ng/ul	99
68) Atrazine	16.60	200	47754	18.893	ng/ul	99
69) Pentachlorophenol	16.78	266	31999	18.303	ng/ul	99
70) Phenanthrene	17.18	178	254608	20.025	ng/ul	100
72) Anthracene	17.27	178	258478	20.193	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.18	216	62575	19.908	ng/uL	99
74) Pentachlorobenzene	14.70	250	67771	20.172	ng/uL	98
75) Carbazole	17.55	167	236409	20.671	ng/ul	99
76) Di-n-butylphthalate	18.10	149	258261	20.569	ng/ul	99
77) Fluoranthene	19.20	202	313867	20.052	ng/ul	99
80) Pvrene	19.57	202	334604	20.308	ng/ul	99
81) Butylbenzylphthalate	20.47	149	120518	21.286	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.26	252	140982	22.560	ng/ul	99
83) Benzo(a)anthracene	21.32	228	363127	19.775	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.25	149	180201	21.235	ng/ul	99
85) Chrysene	21.37	228	343537	19.708	ng/ul	100
87) Di-n-octyl phthalate	22.14	149	315973	19.842	ng/ul	100
88) Benzo(b)fluoranthene	22.92	252	395874	20.098	ng/ul	100
89) Benzo(k)fluoranthene	22.97	252	377403	19.709	ng/ul	99
91) Benzo(a)pyrene	23.51	252	387534	20.163	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.91	276	488151	20.002	ng/ul	98
93) Dibenzo(a,h)anthracene	25.92	278	409678	20.177	ng/ul	99
94) Benzo(a,h,i)perylene	26.62	276	411148	20.101	ng/ul	97

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

