

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121620\
 Data File : BG047758.D
 Acq On : 16 Dec 2020 17:01
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020006

Manual Integrations
 APPROVED

mohammad
 12/17/2020 11:37:41 AM

Quant Time: Dec 16 17:38:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG121120.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 16 10:08:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	31779	20.00	ng/ul	0.00
20) Naphthalene-d8	11.03	136	118952	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.82	164	90735	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.56	188	231231	20.00	ng/ul	0.00
79) Chrysene-d12	21.84	240	241497	20.00	ng/ul	0.00
88) Perylene-d12	25.19	264	260785	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	5889	8.15	ng/uL	0.00
4) Pyridine-d5	3.96	84	38208	18.63	ng/ul	0.00
7) Phenol-d5	7.34	99	54656	20.50	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.52	67	29252	20.83	ng/ul	0.00
11) 2-Chlorophenol-d4	7.72	132	39669	19.68	ng/ul	0.00
15) 4-Methylphenol-d8	8.90	113	40053	19.76	ng/ul	0.00
21) Nitrobenzene-d5	9.37	128	20578	20.56	ng/ul	0.00
24) 2-Nitrophenol-d4	10.10	143	23685	20.79	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.64	165	49412	20.53	ng/ul	0.00
31) 4-Chloroaniline-d4	11.15	131	58970	21.06	ng/ul	0.00
46) Dimethylphthalate-d6	14.22	166	154135	20.58	ng/ul	0.00
49) Acenaphthylene-d8	14.52	160	174320	20.36	ng/ul	0.00
54) 4-Nitrophenol-d4	14.99	143	21956	19.25	ng/ul	0.00
60) Fluorene-d10	15.81	176	143144	20.48	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.92	200	31156	19.69	ng/ul	0.00
73) Anthracene-d10	17.66	188	230907m	20.54	ng/ul	0.00
81) Pyrene-d10	19.93	212	279224	21.36	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.96	264	306412	20.94	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.56	88	6452	8.657	ng/uL# 82
5) Pyridine	3.98	79	38813	20.181	ng/ul 87
6) Benzaldehyde	7.33	77	23749	19.389	ng/ul 89
8) Phenol	7.37	94	51882	19.805	ng/ul 87
10) Bis(2-Chloroethyl)ether	7.61	93	36172	19.853	ng/ul 98
12) 2-Chlorophenol	7.76	128	38733	19.365	ng/ul 94
13) 2-Methylphenol	8.63	108	41056	20.601	ng/ul 85
14) 2,2'-oxybis(1-Chloropropan	8.72	45	35168	20.739	ng/ul# 92
16) Acetophenone	9.03	105	72987	21.431	ng/ul 92
17) N-Nitroso-di-n-propylamine	9.01	70	37848	20.240	ng/ul# 96
18) 4-Methylphenol	8.96	108	44223	20.220	ng/ul 99
19) Hexachloroethane	9.30	117	19072	19.473	ng/ul 96
22) Nitrobenzene	9.42	77	63462	21.294	ng/ul# 91
23) Isophorone	9.93	82	110376	21.322	ng/ul 98
25) 2-Nitrophenol	10.14	139	24968	20.972	ng/ul 85
26) 2,4-Dimethylphenol	10.18	107	58075	20.781	ng/ul 96
27) Bis(2-Chloroethoxy)methane	10.41	93	49914	20.202	ng/ul 96
29) 2,4-Dichlorophenol	10.67	162	44895	20.334	ng/ul 96
30) Naphthalene	11.08	128	135626	20.637	ng/ul 97
32) 4-Chloroaniline	11.18	127	55922	20.887	ng/ul 91
33) Hexachlorobutadiene	11.36	225	49205	20.753	ng/ul# 82
34) Caprolactam	11.92	113	13907m	18.595	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.28	107	51759	21.268	ng/ul#	82
36) 2-Methylnaphthalene	12.67	142	105247	21.223	ng/ul	96
37) 1-Methylnaphthalene	12.89	142	97626	20.603	ng/ul	96
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	78021	20.879	ng/ul	96
40) Hexachlorocyclopentadiene	13.01	237	48276	19.705	ng/ul	96
41) 2,4,6-Trichlorophenol	13.26	196	47115	21.026	ng/ul	96
42) 2,4,5-Trichlorophenol	13.33	196	47714	20.105	ng/ul	99
43) 1,1'-Biphenyl	13.66	154	142004	20.262	ng/ul	95
44) 2-Chloronaphthalene	13.71	162	115072	20.860	ng/ul	97
45) 2-Nitroaniline	13.90	65	40500	21.374	ng/ul	91
47) Dimethylphthalate	14.26	163	160065	20.861	ng/ul	99
48) 2,6-Dinitrotoluene	14.39	165	32451	20.017	ng/ul#	90
50) Acenaphthylene	14.55	152	164998	20.449	ng/ul#	94
51) 3-Nitroaniline	14.72	138	19388	16.657	ng/ul	89
52) Acenaphthene	14.89	153	114324	19.936	ng/ul	91
53) 2,4-Dinitrophenol	14.92	184	16720	17.387	ng/ul#	80
55) 4-Nitrophenol	15.01	109	37492	19.386	ng/ul#	89
56) Dibenzofuran	15.22	168	170189	20.488	ng/ul	93
57) 2,4-Dinitrotoluene	15.17	165	48083	20.695	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	15.44	232	45091	20.516	ng/ul#	94
59) Diethylphthalate	15.62	149	153427	20.199	ng/ul	95
61) Fluorene	15.87	166	147509	20.660	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.85	204	90994	20.377	ng/ul	95
63) 4-Nitroaniline	15.87	138	14672	13.408	ng/ul#	81
66) 4,6-Dinitro-2-methylphenol	15.93	198	32583	20.283	ng/ul	95
67) N-Nitrosodiphenylamine	16.06	169	129672	20.154	ng/ul	99
68) 4-Bromophenyl-phenylether	16.74	248	62034	20.895	ng/ul	94
69) Hexachlorobenzene	16.87	284	66460	20.392	ng/ul	93
70) Atrazine	17.00	200	62937	20.533	ng/ul#	96
71) Pentachlorophenol	17.21	266	25853	16.876	ng/ul#	88
72) Phenanthrene	17.60	178	256931	20.463	ng/ul	98
74) Anthracene	17.69	178	257121	20.499	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.63	216	79302	21.162	ng/uL	95
76) Pentachlorobenzene	15.14	250	76551	20.935	ng/uL	96
77) Carbazole	17.96	167	210613	20.598	ng/ul	99
78) Di-n-butylphthalate	18.50	149	255097	20.341	ng/ul	99
80) Fluoranthene	19.60	202	356618	21.545	ng/ul	100
82) Pyrene	19.96	202	355797	21.774	ng/ul#	98
83) Butylbenzylphthalate	20.82	149	121174	21.257	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.72	252	118614	19.948	ng/ul	97
85) Benzo(a)anthracene	21.82	228	353708	20.750	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.70	149	167254	21.287	ng/ul	96
87) Chrysene	21.88	228	342517	21.176	ng/ul	98
89) Di-n-octyl phthalate	22.95	149	287248	20.930	ng/ul	100
90) Benzo(b)fluoranthene	24.12	252	376046m	20.631	ng/ul	
91) Benzo(k)fluoranthene	24.19	252	369032	20.493	ng/ul	98
93) Benzo(a)pyrene	25.03	252	343288	21.356	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	29.03	276	410390	20.631	ng/ul	98
95) Dibenzo(a,h)anthracene	29.09	278	344553	20.857	ng/ul	98
96) Benzo(g,h,i)perylene	30.23	276	340362	20.776	ng/ul	94

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

