

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
 Data File : BG046895.D
 Acq On : 14 Oct 2020 16:25
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02027

Manual Integrations
 APPROVED

mohammad
 10/15/2020 8:20:01 AM

Quant Time: Oct 14 17:41:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 13:03:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	51736	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	206411	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	153863	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	389767	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	459724	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	479964	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	8543	8.11	ng/uL	0.00
5) Phenol-d5	7.24	99	79673	17.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	47245	17.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	60479	18.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	63009	18.20	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	30811	19.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	35465	22.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	72023	19.50	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	76382	17.40	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	228270	19.42	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	264537	18.95	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	39691	19.80	ng/ul	0.00
58) Fluorene-d10	15.71	176	212255	19.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	43467	22.32	ng/ul	0.00
71) Anthracene-d10	17.57	188	344184m	19.25	ng/ul	0.00
79) Pyrene-d10	19.85	212	448531	18.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	467179	18.06	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.55	88	10101	7.476	ng/uL# 86
4) Benzaldehyde	7.23	77	52750	16.891	ng/ul 94
6) Phenol	7.27	94	83753	18.056	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.51	93	66310	18.563	ng/ul 94
10) 2-Chlorophenol	7.66	128	63451	19.254	ng/ul 97
11) 2-Methylphenol	8.53	108	62275	18.211	ng/ul 91
12) 2,2'-oxybis(1-Chloropropan	8.62	45	98539	17.532	ng/ul 98
14) Acetophenone	8.92	105	106790	19.023	ng/ul 93
15) N-Nitroso-di-n-propylamine	8.89	70	55170	18.194	ng/ul 90
16) 4-Methylphenol	8.85	108	67767	18.579	ng/ul 93
17) Hexachloroethane	9.19	117	28348	18.520	ng/ul# 86
20) Nitrobenzene	9.30	77	85359	19.369	ng/ul 95
21) Isophorone	9.82	82	154076	17.527	ng/ul 97
23) 2-Nitrophenol	10.01	139	34759	20.322	ng/ul 92
24) 2,4-Dimethylphenol	10.06	107	76688	17.898	ng/ul 98
25) Bis(2-Chloroethoxy)methane	10.30	93	87686	17.124	ng/ul 98
27) 2,4-Dichlorophenol	10.55	162	71454	19.872	ng/ul 93
28) Naphthalene	10.96	128	217353	19.020	ng/ul 99
30) 4-Chloroaniline	11.06	127	76115	17.809	ng/ul 99
31) Hexachlorobutadiene	11.24	225	60663	19.632	ng/ul 95
32) Caprolactam	11.81	113	24570m	19.804	ng/ul
33) 4-Chloro-3-methylphenol	12.17	107	74022	18.836	ng/ul 99
34) 2-Methylnaphthalene	12.55	142	156921	18.784	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.77	142	154251	19.052	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.92	216	105210	18.678	ng/uL	96
38) Hexachlorocyclopentadiene	12.90	237	66761	18.328	ng/uL#	92
39) 2,4,6-Trichlorophenol	13.15	196	65203	19.559	ng/uL	95
40) 2,4,5-Trichlorophenol	13.22	196	70145	19.828	ng/uL	98
41) 1,1'-Biphenyl	13.56	154	220012	18.589	ng/uL	96
42) 2-Chloronaphthalene	13.60	162	174109	18.365	ng/uL	96
43) 2-Nitroaniline	13.79	65	54014	21.511	ng/uL	92
45) Dimethylphthalate	14.16	163	241417	20.289	ng/uL	97
46) 2,6-Dinitrotoluene	14.29	165	48007	22.800	ng/uL	97
48) Acenaphthylene	14.45	152	261231	18.993	ng/uL	96
49) 3-Nitroaniline	14.62	138	36154	17.240	ng/uL	95
50) Acenaphthene	14.79	153	181420	18.535	ng/uL	98
51) 2,4-Dinitrophenol	14.82	184	27720	21.920	ng/uL#	91
53) 4-Nitrophenol	14.91	109	41595	20.947	ng/uL	98
54) Dibenzofuran	15.12	168	276813	19.248	ng/uL	97
55) 2,4-Dinitrotoluene	15.07	165	70295	24.131	ng/uL#	97
56) 2,3,4,6-Tetrachlorophenol	15.34	232	72130	21.883	ng/uL	93
57) Diethylphthalate	15.53	149	242207	20.372	ng/uL	98
59) Fluorene	15.77	166	226588	19.403	ng/uL	97
60) 4-Chlorophenyl-phenylether	15.76	204	128297	19.086	ng/uL	95
61) 4-Nitroaniline	15.77	138	39853	17.284	ng/uL	96
64) 4,6-Dinitro-2-methylphenol	15.83	198	47554	22.238	ng/uL#	95
65) N-Nitrosodiphenylamine	15.97	169	197914	17.640	ng/uL	96
66) 4-Bromophenyl-phenylether	16.65	248	88658	18.217	ng/uL	93
67) Hexachlorobenzene	16.77	284	54328m	12.949	ng/uL	
68) Atrazine	16.91	200	93058	20.023	ng/uL	98
69) Pentachlorophenol	17.11	266	55156	17.982	ng/uL	97
70) Phenanthrene	17.51	178	401074	18.823	ng/uL	99
72) Anthracene	17.60	178	399865	18.522	ng/uL	99
73) 1,2,3,4-Tetrachlorobenzene	13.52	216	106297	17.674	ng/uL	92
74) Pentachlorobenzene	15.04	250	111627	18.266	ng/uL	93
75) Carbazole	17.87	167	345324	20.069	ng/uL	97
76) Di-n-butylphthalate	18.42	149	430708	20.182	ng/uL	99
77) Fluoranthene	19.51	202	546147	21.585	ng/uL	99
80) Pvrene	19.87	202	540290	18.285	ng/uL	98
81) Butylbenzylphthalate	20.75	149	203119	19.723	ng/uL	96
82) 3,3'-Dichlorobenzidine	21.63	252	180117	16.753	ng/uL	98
83) Benzo(a)anthracene	21.72	228	566942	18.848	ng/uL	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	289316	18.892	ng/uL	99
85) Chrysene	21.78	228	542019	18.575	ng/uL	100
87) Di-n-octyl phthalate	22.85	149	494158	18.851	ng/uL	100
88) Benzo(b)fluoranthene	23.96	252	563787	17.805	ng/uL	99
89) Benzo(k)fluoranthene	24.03	252	569034	18.437	ng/uL	98
91) Benzo(a)pyrene	24.85	252	511067	17.671	ng/uL	97
92) Indeno(1,2,3-cd)pyrene	28.71	276	636163m	17.928	ng/uL	
93) Dibenzo(a,h)anthracene	28.78	278	526212	17.898	ng/uL	95
94) Benzo(a,h,i)perylene	29.88	276	530778	17.854	ng/uL#	96

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

