

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
 Data File : BG046934.D
 Acq On : 16 Oct 2020 18:06
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02033

Manual Integrations
 APPROVED

mohammad
 10/19/2020 1:23:25 PM

Quant Time: Oct 16 18:51:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 16 02:00:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	67446	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	271952	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	191721	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	439607	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	386829	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	384471	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	11086	7.30	ng/uL	0.00
5) Phenol-d5	7.24	99	118808	20.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	66575	19.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	96459	21.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	99554	20.95	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	48803	21.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	54884	20.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	111158	21.49	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	120376	20.25	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	321538	20.19	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	377622	20.80	ng/ul	0.00
52) 4-Nitrophenol-d4	14.89	143	55225	20.12	ng/ul	0.00
58) Fluorene-d10	15.70	176	300264	20.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	34772	11.49	ng/ul	0.00
71) Anthracene-d10	17.55	188	436525	20.50	ng/ul	0.00
79) Pyrene-d10	19.83	212	478927	22.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	450606	20.81	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.53	88	12922	7.132	ng/uL 97
4) Benzaldehyde	7.22	77	66425m	19.190	ng/ul
6) Phenol	7.26	94	125414	20.121	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.49	93	96358	20.399	ng/ul 91
10) 2-Chlorophenol	7.65	128	96454	21.522	ng/ul 95
11) 2-Methylphenol	8.52	108	95300	20.523	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.61	45	142971	21.161	ng/ul 98
14) Acetophenone	8.90	105	154766	20.307	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.89	70	81792	20.463	ng/ul# 92
16) 4-Methylphenol	8.85	108	103926	21.086	ng/ul 99
17) Hexachloroethane	9.17	117	42336	20.733	ng/ul 96
20) Nitrobenzene	9.29	77	127484	20.441	ng/ul 96
21) Isophorone	9.81	82	232778	20.283	ng/ul 98
23) 2-Nitrophenol	10.00	139	60351	21.843	ng/ul 95
24) 2,4-Dimethylphenol	10.06	107	119469	20.497	ng/ul 97
25) Bis(2-Chloroethoxy)methane	10.29	93	131481	20.090	ng/ul 96
27) 2,4-Dichlorophenol	10.54	162	108534	21.097	ng/ul 98
28) Naphthalene	10.94	128	322787	20.570	ng/ul 98
30) 4-Chloroaniline	11.05	127	117767	20.697	ng/ul 94
31) Hexachlorobutadiene	11.23	225	89742	20.473	ng/ul 98
32) Caprolactam	11.80	113	36472m	20.949	ng/ul
33) 4-Chloro-3-methylphenol	12.16	107	108983	20.247	ng/ul 94
34) 2-Methylnaphthalene	12.55	142	236936	20.536	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

35) 1-Methylnaphthalene	12.76	142	230770	20.280	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.91	216	159074	21.276	ng/uL	97
38) Hexachlorocyclopentadiene	12.89	237	62315	12.551	ng/uL	88
39) 2,4,6-Trichlorophenol	13.15	196	102439	22.262	ng/uL	93
40) 2,4,5-Trichlorophenol	13.22	196	107140	22.056	ng/uL	99
41) 1,1'-Biphenyl	13.55	154	319537	20.662	ng/uL	100
42) 2-Chloronaphthalene	13.59	162	259179	20.918	ng/uL	98
43) 2-Nitroaniline	13.79	65	82244	22.126	ng/uL	95
45) Dimethylphthalate	14.16	163	328795	19.914	ng/uL	98
46) 2,6-Dinitrotoluene	14.27	165	69570	20.613	ng/uL	96
48) Acenaphthylene	14.43	152	370488	20.190	ng/uL	98
49) 3-Nitroaniline	14.60	138	62609	22.380	ng/uL	96
50) Acenaphthene	14.77	153	265115	20.604	ng/uL	97
51) 2,4-Dinitrophenol	14.81	184	18860	8.853	ng/uL	90
53) 4-Nitrophenol	14.91	109	57082	19.814	ng/uL	94
54) Dibenzofuran	15.11	168	393527	20.580	ng/uL	99
55) 2,4-Dinitrotoluene	15.06	165	100205	20.685	ng/uL	89
56) 2,3,4,6-Tetrachlorophenol	15.33	232	104817	21.784	ng/uL#	94
57) Diethylphthalate	15.51	149	338186	20.535	ng/uL	99
59) Fluorene	15.75	166	319800	20.381	ng/uL	99
60) 4-Chlorophenyl-phenylether	15.74	204	179229	19.599	ng/uL	98
61) 4-Nitroaniline	15.77	138	64967	20.815	ng/uL	99
64) 4,6-Dinitro-2-methylphenol	15.83	198	38185	11.728	ng/uL#	93
65) N-Nitrosodiphenylamine	15.96	169	279114	21.637	ng/uL	96
66) 4-Bromophenyl-phenylether	16.64	248	124549	21.240	ng/uL	97
67) Hexachlorobenzene	16.76	284	135273	22.147	ng/uL	93
68) Atrazine	16.90	200	118267	20.755	ng/uL	92
69) Pentachlorophenol	17.10	266	77647	20.482	ng/uL	96
70) Phenanthrene	17.50	178	517277	20.564	ng/uL	98
72) Anthracene	17.59	178	513930	20.227	ng/uL	97
73) 1,2,3,4-Tetrachlorobenzene	13.51	216	158522	22.688	ng/uL	96
74) Pentachlorobenzene	15.03	250	160129	22.334	ng/uL	97
75) Carbazole	17.85	167	423159	20.739	ng/uL	99
76) Di-n-butylphthalate	18.40	149	533419	19.979	ng/uL	99
77) Fluoranthene	19.50	202	597761	19.460	ng/uL	98
80) Pvrene	19.86	202	585236	22.355	ng/uL	99
81) Butylbenzylphthalate	20.74	149	210947	22.142	ng/uL	100
82) 3,3'-Dichlorobenzidine	21.62	252	133229	14.723	ng/uL	98
83) Benzo(a)anthracene	21.71	228	571723	21.414	ng/uL	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	292559	21.506	ng/uL	95
85) Chrysene	21.77	228	544510	21.138	ng/uL	97
87) Di-n-octyl phthalate	22.83	149	495324	22.415	ng/uL	100
88) Benzo(b)fluoranthene	23.95	252	556901	20.881	ng/uL	99
89) Benzo(k)fluoranthene	24.02	252	551430	21.441	ng/uL	99
91) Benzo(a)pyrene	24.83	252	508478	21.207	ng/uL#	95
92) Indeno(1,2,3-cd)pyrene	28.69	276	623662	21.233	ng/uL	97
93) Dibenzo(a,h)anthracene	28.76	278	527716	21.665	ng/uL	100
94) Benzo(a,h,i)perylene	29.85	276	522240m	21.181	ng/uL	

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

