

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
 Data File : BG046734.D
 Acq On : 2 Oct 2020 12:59
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02022

Manual Integrations
 APPROVED

mohammad
 10/5/2020 10:19:21 AM

Quant Time: Oct 02 13:53:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 10:06:22 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.115	152	68294	20.00	ng/ul	0.00
18) Naphthalene-d8	10.929	136	280034	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.736	164	213051	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.480	188	537281	20.00	ng/ul	0.00
78) Chrysene-d12	21.757	240	578758	20.00	ng/ul	0.00
86) Perylene-d12	25.030	264	576162	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.532	96	9442	6.79	ng/uL	0.00
5) Phenol-d5	7.251	99	108429	18.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.433	67	61991	17.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.639	132	77178	18.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.808	113	83864	18.35	ng/ul	0.00
19) Nitrobenzene-d5	9.272	128	39365	18.78	ng/ul	0.00
22) 2-Nitrophenol-d4	10.001	143	42050	19.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.535	165	93422	18.64	ng/ul	0.00
29) 4-Chloroaniline-d4	11.046	131	112588	18.90	ng/ul	0.00
44) Dimethylphthalate-d6	14.137	166	292236	17.95	ng/ul	0.00
47) Acenaphthylene-d8	14.431	160	332502	17.20	ng/ul	0.00
52) 4-Nitrophenol-d4	14.907	143	50969	18.36	ng/ul	0.00
58) Fluorene-d10	15.723	176	268744	17.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.829	200	46785	17.43	ng/ul	0.00
71) Anthracene-d10	17.574	188	418662	16.98	ng/ul	0.00
79) Pyrene-d10	19.854	212	533603	17.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.801	264	538213	17.33	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.561	88	12050	6.76	ng/uL	93
4) Benzaldehyde	7.245	77	80099	19.43	ng/ul	98
6) Phenol	7.280	94	110428	18.03	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.527	93	85111	18.05	ng/ul	94
10) 2-Chlorophenol	7.674	128	78412	18.02	ng/ul	94
11) 2-Methylphenol	8.543	108	82189	18.21	ng/ul	91
12) 2,2'-oxybis(1-Chloropr...	8.643	45	133704	18.02	ng/ul	96
14) Acetophenone	8.931	105	138926	18.75	ng/ul	97
15) N-Nitroso-di-n-propyla...	8.914	70	72519	18.12	ng/ul#	92
16) 4-Methylphenol	8.867	108	89803	18.65	ng/ul	91
17) Hexachloroethane	9.201	117	34472	17.06	ng/ul	96
20) Nitrobenzene	9.313	77	112336	18.79	ng/ul#	97
21) Isophorone	9.836	82	205914	17.27	ng/ul	99
23) 2-Nitrophenol	10.030	139	44208	19.05	ng/ul	97
24) 2,4-Dimethylphenol	10.083	107	101570	17.47	ng/ul	98
25) Bis(2-Chloroethoxy)met...	10.324	93	117040	16.85	ng/ul	97
27) 2,4-Dichlorophenol	10.559	162	89865	18.42	ng/ul	99
28) Naphthalene	10.976	128	269242	17.37	ng/ul	97
30) 4-Chloroaniline	11.070	127	108253	18.67	ng/ul#	89
31) Hexachlorobutadiene	11.264	225	73652	17.57	ng/ul	95
32) Caprolactam	11.828	113	30827	18.31	ng/ul	91
33) 4-Chloro-3-methylphenol	12.180	107	101279	19.00	ng/ul	94
34) 2-Methylnaphthalene	12.574	142	199300	17.58	ng/ul	95
35) 1-Methylnaphthalene	12.791	142	198399	18.06	ng/uL	96
37) 1,2,4,5-Tetrachloroben...	12.932	216	132638	17.01	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Hexachlorocyclopentadiene	12.921	237	86142	17.08	ng/ul#	97
39) 2,4,6-Trichlorophenol	13.167	196	85054	18.43	ng/ul	93
40) 2,4,5-Trichlorophenol	13.232	196	93964m	19.18	ng/ul	
41) 1,1'-Biphenyl	13.573	154	283307	17.29	ng/ul	97
42) 2-Chloronaphthalene	13.614	162	227502	17.33	ng/ul	95
43) 2-Nitroaniline	13.808	65	73073	21.02	ng/ul	92
45) Dimethylphthalate	14.184	163	300509	18.24	ng/ul	99
46) 2,6-Dinitrotoluene	14.301	165	59156	20.29	ng/ul	97
48) Acenaphthylene	14.460	152	335904	17.64	ng/ul	97
49) 3-Nitroaniline	14.625	138	54846	18.89	ng/ul#	92
50) Acenaphthene	14.801	153	232227	17.13	ng/ul	98
51) 2,4-Dinitrophenol	14.824	184	31215	17.83	ng/ul#	69
53) 4-Nitrophenol	14.918	109	54826	19.94	ng/ul	97
54) Dibenzofuran	15.136	168	345598	17.36	ng/ul	100
55) 2,4-Dinitrotoluene	15.083	165	86176	21.36	ng/ul#	97
56) 2,3,4,6-Tetrachlorophenol	15.353	232	89875	19.69	ng/ul#	96
57) Diethylphthalate	15.547	149	297952	18.10	ng/ul	98
59) Fluorene	15.782	166	282780	17.49	ng/ul	95
60) 4-Chlorophenyl-phenyle...	15.776	204	164040	17.62	ng/ul	96
61) 4-Nitroaniline	15.788	138	64043	20.06	ng/ul	96
64) 4,6-Dinitro-2-methylph...	15.847	198	51179	17.36	ng/ul	98
65) N-Nitrosodiphenylamine	15.982	169	258865	16.74	ng/ul	97
66) 4-Bromophenyl-phenylether	16.669	248	113221	16.88	ng/ul	94
67) Hexachlorobenzene	16.787	284	111806	19.33	ng/ul	95
68) Atrazine	16.928	200	112552	17.57	ng/ul	98
69) Pentachlorophenol	17.122	266	75264	17.80	ng/ul	98
70) Phenanthrene	17.521	178	498478	16.97	ng/ul	99
72) Anthracene	17.609	178	506909	17.03	ng/ul	97
73) 1,2,3,4-Tetrachloroben...	13.538	216	132502	15.98	ng/uL	98
74) Pentachlorobenzene	15.053	250	139024	16.50	ng/uL	92
75) Carbazole	17.874	167	428372	18.06	ng/ul	98
76) Di-n-butylphthalate	18.438	149	525721	17.87	ng/ul	99
77) Fluoranthene	19.525	202	655194	18.78	ng/ul	100
80) Pyrene	19.883	202	651484	17.51	ng/ul	98
81) Butylbenzylphthalate	20.770	149	234324	18.07	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.646	252	239184	17.67	ng/ul	97
83) Benzo(a)anthracene	21.734	228	660585	17.44	ng/ul	99
84) Bis(2-ethylhexyl)phtha...	21.646	149	337393	17.50	ng/ul	100
85) Chrysene	21.804	228	627690	17.09	ng/ul	99
87) Di-n-octyl phthalate	22.885	149	585240	18.60	ng/ul	100
88) Benzo(b)fluoranthene	23.984	252	655962	17.26	ng/ul	99
89) Benzo(k)fluoranthene	24.055	252	652112	17.60	ng/ul	98
91) Benzo(a)pyrene	24.877	252	601995	17.34	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.755	276	729201m	17.12	ng/ul	
93) Dibenzo(a,h)anthracene	28.831	278	602651	17.08	ng/ul	94
94) Benzo(g,h,i)perylene	29.930	276	612955	17.18	ng/ul	97

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

