

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
 Data File : BG046749.D
 Acq On : 2 Oct 2020 23:44
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02023

Manual Integrations
 APPROVED

mohammad
 10/5/2020 10:19:29 AM

Quant Time: Oct 03 00:38:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 03 00:37:01 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	62764	20.00	ng/ul	0.00
18) Naphthalene-d8	10.919	136	252314	20.00	ng/ul	# 0.00
36) Acenaphthene-d10	14.732	164	182484	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.476	188	444848	20.00	ng/ul	0.00
78) Chrysene-d12	21.754	240	475960	20.00	ng/ul	0.00
86) Perylene-d12	25.026	264	500071	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.534	96	11739	9.18	ng/uL	0.00
5) Phenol-d5	7.253	99	108911	20.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.429	67	63973	19.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.641	132	80596	20.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.804	113	87393	20.80	ng/ul	0.00
19) Nitrobenzene-d5	9.268	128	41741	22.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.997	143	42270	22.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.531	165	95213	21.09	ng/ul	0.00
29) 4-Chloroaniline-d4	11.049	131	110190	20.53	ng/ul	0.00
44) Dimethylphthalate-d6	14.133	166	280483	20.12	ng/ul	0.00
47) Acenaphthylene-d8	14.427	160	327370	19.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.903	143	47854	20.13	ng/ul	0.00
58) Fluorene-d10	15.725	176	260147	20.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.825	200	48743	21.93	ng/ul	0.00
71) Anthracene-d10	17.576	188	402983	19.74	ng/ul	0.00
79) Pyrene-d10	19.856	212	501449	20.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.797	264	508158	18.85	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.563	88	13076	7.98	ng/uL	98
4) Benzaldehyde	7.247	77	78253	20.65	ng/ul	97
6) Phenol	7.282	94	118236	21.01	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.523	93	87745	20.25	ng/ul	96
10) 2-Chlorophenol	7.670	128	84710	21.19	ng/ul	93
11) 2-Methylphenol	8.540	108	86086	20.75	ng/ul	92
12) 2,2'-oxybis(1-Chloropr...	8.640	45	133395	19.56	ng/ul	98
14) Acetophenone	8.927	105	145741	21.40	ng/ul	96
15) N-Nitroso-di-n-propyla...	8.916	70	78187	21.25	ng/ul	95
16) 4-Methylphenol	8.869	108	89837	20.30	ng/ul	97
17) Hexachloroethane	9.204	117	36175	19.48	ng/ul	91
20) Nitrobenzene	9.315	77	117281	21.77	ng/ul	96
21) Isophorone	9.838	82	202865	18.88	ng/ul	96
23) 2-Nitrophenol	10.026	139	48475	23.18	ng/ul	88
24) 2,4-Dimethylphenol	10.079	107	111911	21.37	ng/ul	95
25) Bis(2-Chloroethoxy)met...	10.320	93	115540	18.46	ng/ul	98
27) 2,4-Dichlorophenol	10.561	162	95432	21.71	ng/ul	95
28) Naphthalene	10.972	128	279126	19.98	ng/ul	97
30) 4-Chloroaniline	11.072	127	112035	21.44	ng/ul	90
31) Hexachlorobutadiene	11.260	225	80234	21.24	ng/ul	97
32) Caprolactam	11.818	113	31937m	21.06	ng/ul	
33) 4-Chloro-3-methylphenol	12.177	107	98640	20.53	ng/ul	97
34) 2-Methylnaphthalene	12.570	142	212324	20.79	ng/ul	97
35) 1-Methylnaphthalene	12.788	142	193794	19.58	ng/uL	95
37) 1,2,4,5-Tetrachloroben...	12.935	216	137458	20.58	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Hexachlorocyclopentadiene	12.917	237	87107	20.16	ng/ul#	95
39) 2,4,6-Trichlorophenol	13.164	196	85173	21.54	ng/ul	91
40) 2,4,5-Trichlorophenol	13.234	196	94460	22.51	ng/ul	97
41) 1,1'-Biphenyl	13.569	154	281503	20.05	ng/ul	98
42) 2-Chloronaphthalene	13.610	162	220187	19.58	ng/ul	97
43) 2-Nitroaniline	13.804	65	72612	24.38	ng/ul	93
45) Dimethylphthalate	14.180	163	280400	19.87	ng/ul	99
46) 2,6-Dinitrotoluene	14.298	165	58477	23.42	ng/ul	100
48) Acenaphthylene	14.456	152	332043	20.36	ng/ul	99
49) 3-Nitroaniline	14.621	138	55591	22.35	ng/ul	98
50) Acenaphthene	14.797	153	226722	19.53	ng/ul	99
51) 2,4-Dinitrophenol	14.826	184	32364	21.58	ng/ul#	89
53) 4-Nitrophenol	14.915	109	54616	23.19	ng/ul	91
54) Dibenzofuran	15.132	168	351402	20.60	ng/ul	99
55) 2,4-Dinitrotoluene	15.079	165	85528	24.76	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.349	232	88462	22.63	ng/ul	94
57) Diethylphthalate	15.543	149	283239	20.09	ng/ul	98
59) Fluorene	15.778	166	276979	20.00	ng/ul	90
60) 4-Chlorophenyl-phenyle...	15.772	204	159819	20.05	ng/ul	97
61) 4-Nitroaniline	15.784	138	59976	21.93	ng/ul	98
64) 4,6-Dinitro-2-methylph...	15.843	198	49223	20.17	ng/ul#	88
65) N-Nitrosodiphenylamine	15.978	169	257215	20.09	ng/ul	97
66) 4-Bromophenyl-phenylether	16.665	248	107228	19.30	ng/ul	94
67) Hexachlorobenzene	16.777	284	115749	24.17	ng/ul	97
68) Atrazine	16.924	200	107028	20.18	ng/ul	97
69) Pentachlorophenol	17.118	266	74404	21.25	ng/ul	96
70) Phenanthrene	17.517	178	481316	19.79	ng/ul	98
72) Anthracene	17.611	178	484570	19.67	ng/ul	98
73) 1,2,3,4-Tetrachloroben...	13.534	216	139294	20.29	ng/uL	99
74) Pentachlorobenzene	15.050	250	137401	19.70	ng/uL	93
75) Carbazole	17.876	167	427794	21.78	ng/ul	96
76) Di-n-butylphthalate	18.434	149	490596	20.14	ng/ul	99
77) Fluoranthene	19.521	202	615731	21.32	ng/ul	99
80) Pyrene	19.885	202	606586	19.83	ng/ul	98
81) Butylbenzylphthalate	20.767	149	226863	21.28	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.642	252	230466	20.70	ng/ul	96
83) Benzo(a)anthracene	21.730	228	616397	19.79	ng/ul	99
84) Bis(2-ethylhexyl)phtha...	21.642	149	320496	20.21	ng/ul	99
85) Chrysene	21.801	228	591270	19.57	ng/ul	97
87) Di-n-octyl phthalate	22.882	149	559748	20.49	ng/ul	100
88) Benzo(b)fluoranthene	23.980	252	620960	18.82	ng/ul	98
89) Benzo(k)fluoranthene	24.051	252	603244	18.76	ng/ul	99
91) Benzo(a)pyrene	24.868	252	540883	17.95	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.745	276	697259	18.86	ng/ul	97
93) Dibenzo(a,h)anthracene	28.822	278	579712	18.92	ng/ul	99
94) Benzo(g,h,i)perylene	29.921	276	572652	18.49	ng/ul	98

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

