

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
 Data File : BG046765.D
 Acq On : 3 Oct 2020 10:28
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02024

Quant Time: Oct 05 00:07:19 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	8.114	152	73434	20.00	ng/ul	0.00
18) Naphthalene-d8	10.922	136	313757	20.00	ng/ul	# 0.00
36) Acenaphthene-d10	14.735	164	227012	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.479	188	530735	20.00	ng/ul	0.00
78) Chrysene-d12	21.751	240	538394	20.00	ng/ul	0.00
86) Perylene-d12	25.023	264	574453	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.531	96	13334	8.91	ng/uL	0.00
5) Phenol-d5	7.256	99	129320	20.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.432	67	78482	20.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.644	132	98714	21.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.801	113	106108	21.59	ng/ul	0.00
19) Nitrobenzene-d5	9.271	128	49572	21.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.994	143	57174	23.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.534	165	116705	20.78	ng/ul	0.00
29) 4-Chloroaniline-d4	11.051	131	135711	20.34	ng/ul	0.00
44) Dimethylphthalate-d6	14.136	166	334271	19.27	ng/ul	0.00
47) Acenaphthylene-d8	14.430	160	402529	19.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.906	143	61674	20.86	ng/ul	0.00
58) Fluorene-d10	15.722	176	320888	20.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.828	200	56557	21.33	ng/ul	0.00
71) Anthracene-d10	17.573	188	480683	19.74	ng/ul	0.00
79) Pyrene-d10	19.853	212	573943	20.54	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.800	264	578746	18.69	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.566	88	15572	8.12	ng/uL	97
4) Benzaldehyde	7.244	77	93101	21.00	ng/ul	96
6) Phenol	7.285	94	142307	21.61	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.526	93	106240	20.95	ng/ul	93
10) 2-Chlorophenol	7.673	128	104102	22.26	ng/ul	96
11) 2-Methylphenol	8.543	108	105583	21.75	ng/ul	93
12) 2,2'-oxybis(1-Chloropr...	8.637	45	157247	19.71	ng/ul	96
14) Acetophenone	8.930	105	173969	21.83	ng/ul	95
15) N-Nitroso-di-n-propyla...	8.913	70	90569	21.04	ng/ul	93
16) 4-Methylphenol	8.872	108	112090	21.65	ng/ul	100
17) Hexachloroethane	9.207	117	46588	21.44	ng/ul	94
20) Nitrobenzene	9.312	77	139055	20.76	ng/ul	96
21) Isophorone	9.841	82	249822	18.70	ng/ul	99
23) 2-Nitrophenol	10.029	139	62503	24.04	ng/ul	93
24) 2,4-Dimethylphenol	10.082	107	131940	20.26	ng/ul	95
25) Bis(2-Chloroethoxy)met...	10.323	93	142484	18.31	ng/ul	95
27) 2,4-Dichlorophenol	10.564	162	116310	21.28	ng/ul	100
28) Naphthalene	10.975	128	342932	19.74	ng/ul	99
30) 4-Chloroaniline	11.069	127	135996	20.93	ng/ul	99
31) Hexachlorobutadiene	11.263	225	90774	19.33	ng/ul	96
32) Caprolactam	11.821	113	38611	20.47	ng/ul	92
33) 4-Chloro-3-methylphenol	12.180	107	123534	20.68	ng/ul	100
34) 2-Methylnaphthalene	12.573	142	258219	20.33	ng/ul	97
35) 1-Methylnaphthalene	12.791	142	236144	19.19	ng/uL	98
37) 1,2,4,5-Tetrachloroben...	12.932	216	173454	20.87	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Hexachlorocyclopentadiene	12.920	237	85115	15.84	ng/ul#	99
39) 2,4,6-Trichlorophenol	13.167	196	110204	22.41	ng/ul	95
40) 2,4,5-Trichlorophenol	13.237	196	115311	22.09	ng/ul	94
41) 1,1'-Biphenyl	13.572	154	342256	19.60	ng/ul	99
42) 2-Chloronaphthalene	13.613	162	270933	19.37	ng/ul	97
43) 2-Nitroaniline	13.807	65	88219	23.81	ng/ul	100
45) Dimethylphthalate	14.183	163	347023	19.77	ng/ul	97
46) 2,6-Dinitrotoluene	14.301	165	72292	23.27	ng/ul	94
48) Acenaphthylene	14.453	152	403400	19.88	ng/ul	99
49) 3-Nitroaniline	14.624	138	70960	22.93	ng/ul#	97
50) Acenaphthene	14.800	153	283125	19.61	ng/ul	99
51) 2,4-Dinitrophenol	14.829	184	38327	20.54	ng/ul#	79
53) 4-Nitrophenol	14.923	109	67425	23.01	ng/ul	94
54) Dibenzofuran	15.129	168	425220	20.04	ng/ul	98
55) 2,4-Dinitrotoluene	15.082	165	102996	23.96	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.352	232	111884	23.01	ng/ul#	98
57) Diethylphthalate	15.546	149	349306	19.91	ng/ul	98
59) Fluorene	15.781	166	335923	19.50	ng/ul	94
60) 4-Chlorophenyl-phenyle...	15.769	204	191542	19.31	ng/ul	94
61) 4-Nitroaniline	15.787	138	78689	23.13	ng/ul	99
64) 4,6-Dinitro-2-methylph...	15.846	198	58445	20.07	ng/ul#	98
65) N-Nitrosodiphenylamine	15.981	169	313913	20.55	ng/ul	95
66) 4-Bromophenyl-phenylether	16.662	248	133058	20.08	ng/ul	95
67) Hexachlorobenzene	16.786	284	99902	17.49	ng/ul	98
68) Atrazine	16.927	200	130575	20.63	ng/ul	99
69) Pentachlorophenol	17.121	266	89314	21.38	ng/ul	91
70) Phenanthrene	17.520	178	582996	20.09	ng/ul	99
72) Anthracene	17.608	178	587405	19.98	ng/ul	99
73) 1,2,3,4-Tetrachloroben...	13.537	216	176722	21.58	ng/uL	95
74) Pentachlorobenzene	15.047	250	172983	20.79	ng/uL	92
75) Carbazole	17.873	167	509410	21.74	ng/ul	97
76) Di-n-butylphthalate	18.437	149	593042	20.41	ng/ul	99
77) Fluoranthene	19.524	202	690884	20.05	ng/ul	99
80) Pyrene	19.882	202	700355	20.24	ng/ul	99
81) Butylbenzylphthalate	20.769	149	259964	21.55	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.645	252	248185	19.71	ng/ul	100
83) Benzo(a)anthracene	21.733	228	704848	20.01	ng/ul	99
84) Bis(2-ethylhexyl)phtha...	21.645	149	365135	20.36	ng/ul	98
85) Chrysene	21.798	228	666359	19.50	ng/ul	98
87) Di-n-octyl phthalate	22.879	149	637969	20.33	ng/ul	100
88) Benzo(b)fluoranthene	23.983	252	709199	18.71	ng/ul	99
89) Benzo(k)fluoranthene	24.054	252	684424	18.53	ng/ul	98
91) Benzo(a)pyrene	24.871	252	621606	17.96	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.760	276	798356	18.80	ng/ul	95
93) Dibenzo(a,h)anthracene	28.825	278	660511	18.77	ng/ul	96
94) Benzo(g,h,i)perylene	29.923	276	659322	18.53	ng/ul	99

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

