

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100620\
 Data File : BG046794.D
 Acq On : 6 Oct 2020 17:44
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020002

Quant Time: Oct 06 18:18:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM01-EPA-BG092820.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 06 14:18:17 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	75245	20.00	ng/ul	0.00
18) Naphthalene-d8	10.923	136	296682	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.731	164	208174	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.474	188	501881	20.00	ng/ul	0.00
78) Chrysene-d12	21.752	240	585890	20.00	ng/ul	# 0.00
86) Perylene-d12	25.024	264	585240	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.538	96	11559	7.20	ng/uL	0.01
5) Phenol-d5	7.257	99	113644	17.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.427	67	66023	16.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.639	132	85646	18.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.802	113	88192	17.74	ng/ul	0.00
19) Nitrobenzene-d5	9.272	128	41174	21.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.995	143	47246	23.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.530	165	95815	19.13	ng/ul	0.00
29) 4-Chloroaniline-d4	11.047	131	116062	18.69	ng/ul	0.00
44) Dimethylphthalate-d6	14.131	166	272656	17.32	ng/ul	0.00
47) Acenaphthylene-d8	14.425	160	326995	17.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.907	143	50546	20.15	ng/ul	0.00
58) Fluorene-d10	15.724	176	253770	17.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.829	200	49508	21.82	ng/ul	0.00
71) Anthracene-d10	17.574	188	396337	17.22	ng/ul	0.00
79) Pyrene-d10	19.854	212	513214	16.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.795	264	555803	17.57	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.567	88	12756	6.94	ng/uL#	90
4) Benzaldehyde	7.239	77	85301	18.99	ng/ul	93
6) Phenol	7.280	94	116763	17.47	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.521	93	91893	17.69	ng/ul	100
10) 2-Chlorophenol	7.674	128	85860	18.22	ng/ul	94
11) 2-Methylphenol	8.538	108	88915	17.84	ng/ul	99
12) 2,2'-oxybis(1-Chloropr...	8.632	45	134749	16.37	ng/ul	96
14) Acetophenone	8.926	105	141532	17.38	ng/ul	99
15) N-Nitroso-di-n-propyla...	8.914	70	74370	16.53	ng/ul	96
16) 4-Methylphenol	8.867	108	90461	17.33	ng/ul	91
17) Hexachloroethane	9.202	117	38541	18.10	ng/ul	94
20) Nitrobenzene	9.313	77	116682	20.99	ng/ul	96
21) Isophorone	9.836	82	203199	16.37	ng/ul	98
23) 2-Nitrophenol	10.024	139	51607	23.21	ng/ul	96
24) 2,4-Dimethylphenol	10.077	107	105224	17.55	ng/ul	97
25) Bis(2-Chloroethoxy)met...	10.318	93	121435	16.99	ng/ul	97
27) 2,4-Dichlorophenol	10.559	162	94839	19.22	ng/ul	94
28) Naphthalene	10.976	128	282441	17.29	ng/ul	96
30) 4-Chloroaniline	11.070	127	109427	18.32	ng/ul	99
31) Hexachlorobutadiene	11.258	225	78328	17.77	ng/ul	94
32) Caprolactam	11.816	113	30246	17.20	ng/ul	93
33) 4-Chloro-3-methylphenol	12.181	107	95153	17.30	ng/ul	97
34) 2-Methylnaphthalene	12.568	142	204230	16.98	ng/ul	99
35) 1-Methylnaphthalene	12.786	142	199626	17.12	ng/ul	97
37) 1,2,4,5-Tetrachloroben...	12.933	216	135810	17.74	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Hexachlorocyclopentadiene	12.915	237	102914	21.05	ng/ul#	96
39) 2,4,6-Trichlorophenol	13.168	196	83508	19.29	ng/ul	96
40) 2,4,5-Trichlorophenol	13.232	196	91927	20.22	ng/ul	91
41) 1,1'-Biphenyl	13.567	154	276886	17.15	ng/ul	97
42) 2-Chloronaphthalene	13.614	162	220841	17.23	ng/ul	98
43) 2-Nitroaniline	13.802	65	69055	23.43	ng/ul	95
45) Dimethylphthalate	14.178	163	283696	17.45	ng/ul	99
46) 2,6-Dinitrotoluene	14.296	165	58493	22.68	ng/ul	93
48) Acenaphthylene	14.454	152	331001	17.56	ng/ul	100
49) 3-Nitroaniline	14.619	138	56320	21.87	ng/ul#	89
50) Acenaphthene	14.795	153	225188	16.88	ng/ul	97
51) 2,4-Dinitrophenol	14.825	184	30329	20.09	ng/ul#	79
53) 4-Nitrophenol	14.919	109	52332	21.14	ng/ul	84
54) Dibenzofuran	15.130	168	334959	17.11	ng/ul	95
55) 2,4-Dinitrotoluene	15.077	165	85592	24.35	ng/ul#	92
56) 2,3,4,6-Tetrachlorophenol	15.347	232	87999	20.59	ng/ul	98
57) Diethylphthalate	15.541	149	274789	17.10	ng/ul	97
59) Fluorene	15.776	166	274270	17.02	ng/ul	94
60) 4-Chlorophenyl-phenyle...	15.771	204	157146	17.26	ng/ul	96
61) 4-Nitroaniline	15.782	138	62033	21.05	ng/ul#	85
64) 4,6-Dinitro-2-methylph...	15.841	198	52640	21.12	ng/ul#	92
65) N-Nitrosodiphenylamine	15.976	169	244800	16.97	ng/ul	98
66) 4-Bromophenyl-phenylether	16.664	248	107652	17.12	ng/ul	91
67) Hexachlorobenzene	16.781	284	110807	21.56	ng/ul	99
68) Atrazine	16.922	200	105999	17.91	ng/ul	98
69) Pentachlorophenol	17.122	266	73629	19.46	ng/ul	91
70) Phenanthrene	17.516	178	470259	17.09	ng/ul	97
72) Anthracene	17.610	178	473507	17.08	ng/ul	97
73) 1,2,3,4-Tetrachloroben...	13.538	216	134545	17.26	ng/uL	95
74) Pentachlorobenzene	15.048	250	135867	17.00	ng/uL	97
75) Carbazole	17.874	167	408247	18.29	ng/ul	100
76) Di-n-butylphthalate	18.432	149	478193	17.56	ng/ul	98
77) Fluoranthene	19.519	202	629359	18.16	ng/ul	99
80) Pyrene	19.883	202	633048	16.79	ng/ul	98
81) Butylbenzylphthalate	20.765	149	239563	18.08	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.640	252	247271	18.40	ng/ul	98
83) Benzo(a)anthracene	21.728	228	669808	17.33	ng/ul	99
84) Bis(2-ethylhexyl)phtha...	21.640	149	343273	17.60	ng/ul	98
85) Chrysene	21.799	228	645590	17.29	ng/ul	100
87) Di-n-octyl phthalate	22.874	149	591315	18.24	ng/ul	100
88) Benzo(b)fluoranthene	23.979	252	668675	17.27	ng/ul	98
89) Benzo(k)fluoranthene	24.049	252	661738	17.48	ng/ul	99
91) Benzo(a)pyrene	24.866	252	609599	17.13	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.749	276	747725	17.31	ng/ul	100
93) Dibenzo(a,h)anthracene	28.826	278	624584	17.43	ng/ul	96
94) Benzo(g,h,i)perylene	29.919	276	624131	17.33	ng/ul	98

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

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